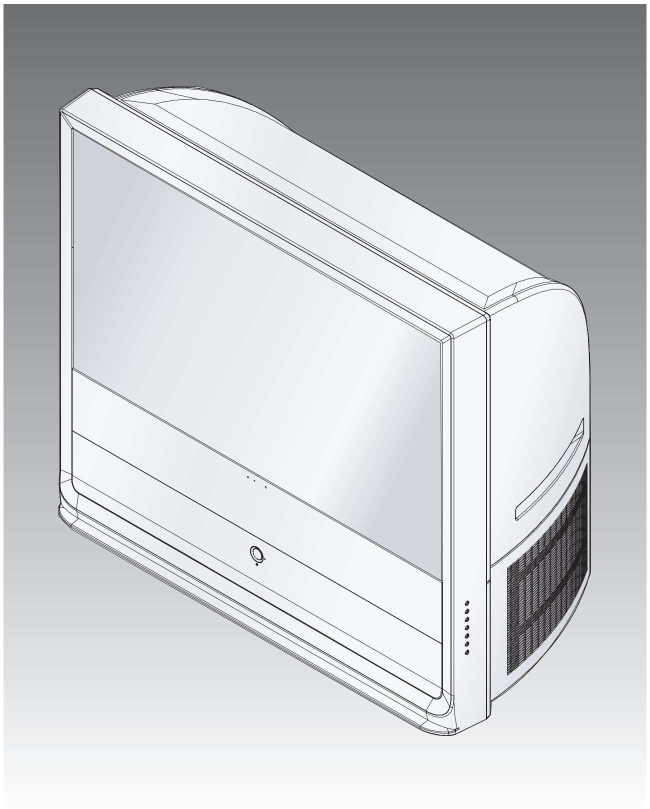
SAMSUNG

PROJECTION TV RECEIVER

Chassis : P59A(N)
Model : HCP4752WX/XAA (HC-P4752W)

SERVICE Manual

PROJECTION TV RECEIVER



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4. Exploded View & Part List
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1. Specifications

<table>
<tr><td>Broadcasting System</td><td>NTSC</td></tr>
<tr><td>Scanning System</td><td>Progressive Scanning</td></tr>
<tr><td>Tuning Range</td><td>VHF : CH2 ~ CH13</td></tr>
<tr><td>Antenna Impedance</td><td>75 ohm Unbalanced</td></tr>
<tr><td rowspan="3">Intermediate Frequency</td><td>Video : 45.75 MHz</td></tr>
<tr><td>Sound : 42.25 MHz</td></tr>
<tr><td>Chrominance Subcarrier : 42.17MHz</td></tr>
<tr><td rowspan="2">Sound Output</td><td>STD : 15W</td></tr>
<tr><td>MAX : 20W</td></tr>
<tr><td>Rated Voltage</td><td>AC 120V(±10%)/60Hz</td></tr>
<tr><td>High Voltage</td><td>29kV</td></tr>
<tr><td rowspan="2">FUSE</td><td>250V/6.3A</td></tr>
<tr><td>CODE NO : 3601-000300</td></tr>
<tr><td>Power Consumption</td><td>240W</td></tr>
<tr><td>W/B Coordinates</td><td>
<table>
<tr><td rowspan="2"></td><td colspan="3">HIgh Light</td><td colspan="3">Low Light</td></tr>
<tr><td>Hx</td><td>Hy</td><td>HY</td><td>Lx</td><td>Ly</td><td>LY</td></tr>
<tr><td>RF(42”)</td><td>305±5</td><td>305±5</td><td>9.5±1</td><td>305±10</td><td>305±10</td><td>0.20±0.05</td></tr>
<tr><td>DVT(42”)</td><td>305±5</td><td>305±5</td><td>9.5±1</td><td>305±10</td><td>305±10</td><td>0.25±0.05</td></tr>
<tr><td>RF(47”)</td><td>305±5</td><td>305±5</td><td>7.5±1</td><td>305±10</td><td>305±10</td><td>0.25±0.05</td></tr>
<tr><td>DVT(47”)</td><td>305±5</td><td>305±5</td><td>7.5±1</td><td>305±10</td><td>305±10</td><td>0.30±0.05</td></tr>
<tr><td>RF(52”)</td><td>305±5</td><td>305±5</td><td>7.5±1</td><td>305±10</td><td>305±10</td><td>0.25±0.05</td></tr>
<tr><td>DVT(52”)</td><td>305±5</td><td>305±5</td><td>7.5±1</td><td>305±10</td><td>305±10</td><td>0.25±0.05</td></tr>
</table>
</td></tr>
<tr><td>Dimension</td><td>HC-P4252W : 1004mmx471mmx967mm
39.5inchx18.5inchx38.1inch
HC-P4752W : 1127mmx620mmx984mm
44.4nchx24.4inchx38.7inch
HC-P5252W : 1226mmx570mmx1276mm
48.3inchx22.5inchx50.2inch</td></tr>
<tr><td>Weight</td><td>HC-P4252W : 40.4Kg/89.1lbs
HC-P4752W : 49.7Kg/109.6lbs
HC-P5252W : 59.8Kg/131.9lbs</td></tr>
</table>

MEMO

2. Alignment and Adjustment

2-1 Service Mode

2-1-1 How to Enter and Exit Service Mode

1. Turn the Power ON and select "STANDARD" for the Screen Adjustment Mode.
2. Turn the Power OFF and put the set in Stand-By Mode.
3. Press these buttons sequentially to enter Service Mode : Mute_1_8_2 and Power.
   ❋ If you fail to enter Service Mode, try steps 1, 2 and 3 again.
4. After completing the adjustment, select Reset from Service Mode's initial screen to exit Service Mode and turn OFF the Power. After exiting, the user's custom starting screen will be selected.
5. Any adjustable data changed will be automatically saved.
   → There is no separate "Save" key.

2-1-2 Initial Display in Service Mode

1. When RF Patterns are Displayed

Deflection
480p offset
1080i offset
Convergence & NR
Video Adjust 1
Video Adjust 2
Video Adjust 3
Video Adjust 4
Video Adjust DNIe
Option
CHECKSUM 0000
Reset

2-1-3 Button Descriptions for Service Mode

MENU	Full Menu Dispplay / Move to Parent Menu
Direction Keys ▲/▼	Item Selection by Moving the Cursor
Direction Keys ◀/ ▶	Data Increase/Decrease for the Selected

2-1-4 Cautions Regarding service Mode

1. Do not adjust the fixed attributes, only the adjustables.
2. For adjustments of RF and 1080i Modes, switch to the respective input source and proceed with the adjustments.

2-2 Factory Data

2-2-1 Deflection(RF)

❈ Do not change any fixed attributes

No	Item	Initial Value	Range	EEP-ROM Copy Data	Remark
				RF-Mode	
1	V Amp	10	0 ~ 63	20	Adjustable
2	V Shift	29	0 ~ 63	29	*Fixed
3	H EW	28	0 ~ 63	25	Adjustable
4	H Shift	35	0 ~ 63	35	*Fixed
5	V LInearity	7	0 ~ 63	7	*Fixed
6	Upper LInearity	0	0 ~ 63	0	*Fixed
7	Lower LInearity	0	0 ~ 63	0	*Fixed
8	V SC	7	0 ~ 63	7	*Fixed
9	H Parabola	31	0 ~ 63	31	*Fixed
10	Upper Corner	31	0 ~ 63	31	*Fixed
11	Lower Corner	31	0 ~ 63	31	*Fixed
12	H Trapezium	31	0 ~ 63	31	*Fixed
13	Bow	31	0 ~ 63	31	*Fixed
14	Angle	31	0 ~ 63	31	*Fixed
15	V Position	31	0 ~ 63	31	*Fixed
16	CXA Left Blk	35	0 ~ 63	45	*Fixed
17	CXA Right Blk	35	0 ~ 63	20	*Fixed

2-2-2 480p offset

❋ Do not change any fixed attributes

No	Item	Initial Value	Range	480p-Mode	Remark
1	V Amp	0	-63 ~ 63	0	Adjustable
2	V Shift	0	-63 ~ 63	0	Adjustable
3	H EW	0	-63 ~ 63	0	Adjustable
4	H Shift	0	-63 ~ 63	0	Adjustable
5	V LInearity	0	-15 ~ 15	0	*Fixed
6	Upper LInearity	0	-15 ~ 15	0	*Fixed
7	Lower LInearity	0	-15 ~ 15	0	*Fixed
8	V SC	0	-15 ~ 15	0	*Fixed
9	H Parabola	0	-63 ~ 63	0	*Fixed
10	Upper Corner	0	-63 ~ 63	0	*Fixed
11	Lower Corner	0	-63 ~ 63	0	*Fixed
12	H Trapezium	0	-63 ~ 63	0	*Fixed
13	Bow	0	-63 ~ 63	0	*Fixed
14	Angle	0	-63 ~ 63	0	*Fixed
15	V Position	0	-63 ~ 63	0	*Fixed
16	CXA Left Blk	28	-63 ~ 63	28	*Fixed
17	CXA Right Blk	36	-63 ~ 63	36	*Fixed

2-2-3 1080i offset

❈ Do not change any fixed attributes

No	Item	Initial Value	Range	480p-Mode	Remark
1	V Amp	0	-63 ~ 63	0	Adjustable
2	V Shift	0	-63 ~ 63	0	Adjustable
3	H EW	0	-63 ~ 63	0	Adjustable
4	H Shift	0	-63 ~ 63	0	Adjustable
5	V LInearity	0	-15 ~ 15	0	*Fixed
6	Upper LInearity	0	-15 ~ 15	0	*Fixed
7	Lower LInearity	0	-15 ~ 15	0	*Fixed
8	V SC	0	-15 ~ 15	0	*Fixed
9	H Parabola	0	-63 ~ 63	0	*Fixed
10	Upper Corner	0	-63 ~ 63	0	*Fixed
11	Lower Corner	0	-63 ~ 63	0	*Fixed
12	H Trapezium	0	-63 ~ 63	0	*Fixed
13	Bow	0	-63 ~ 63	0	*Fixed
14	Angle	0	-63 ~ 63	0	*Fixed
15	V Position	0	-63 ~ 63	0	*Fixed
16	CXA Left Blk	63	-63 ~ 63	63	*Fixed
17	CXA Right Blk	20	-63 ~ 63	20	*Fixed

2-2-4 Convergence & NR

❋ Do not change any fixed attributes

No	Item	Initial Value	Range	480p-Mode	Remark
1	Offset Enable	0	0 ~ 1	0	
2	V AMp	15	-63 ~ 63	5	
3	V Shift	0	-63 ~ 63	0	
4	H EW	15	-63 ~ 63	0	
5	V Amp 1080i	15	-63 ~ 63	5	
6	V Shift 1080i	0	-63 ~ 63	0	
7	H EW 1080i	15	-63 ~ 63	0	
8	NR High Ref	40	0 ~ 127	40	
9	NR Low Ref	3	0 ~ 127	3	
10	NR Hight Value	17	-128 ~ 127	17	
11	NR Low Value	51	-128 ~ 127	51	
12	NR Hight Ref (s)	20	0 ~ 127	20	
13	NR Low Ref (s)	0	0 ~ 127	0	
14	NR Hight Value (s)	17	-128 ~ 127	17	
15	NR Low Value (s)	50	-128 ~ 127	50	
16	V BLK 480i	51	0 ~ 255	51	
17	V BLK 480p	133	0 ~ 255	133	
18	V BLK 1080i	51	0 ~ 255	0	
19	NR Read M/S				Read Price

2-2-5 Video Adjust 1

❈ Do not change any fixed attributes

<table>
<tr><th>No</th><th>Video Adjust 1 (RF/1080i is Separated)</th><th>Initial Value</th><th>Range</th><th>RF-Copy</th><th>W/B Adjustment</th><th>1080i</th><th>Remark</th></tr>
<tr><td>1</td><td>R Cutoff</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td>2</td><td>G Cutoff</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>*Fixed</td></tr>
<tr><td>3</td><td>B Cutoff</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td>4</td><td>COLOR On/Off</td><td>1</td><td>0 ~ 1</td><td>1</td><td></td><td></td><td></td></tr>
<tr><td>5</td><td>CR Offset</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td>32</td><td>Adjustable</td></tr>
<tr><td>6</td><td>CB Offset</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td>32</td><td>Adjustable</td></tr>
<tr><td>7</td><td>R Drive</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td>8</td><td>G Drive</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>*Fixed</td></tr>
<tr><td>9</td><td>B Drive</td><td>32</td><td>0 ~ 63</td><td>32</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td>10</td><td>Sub Bright</td><td>15</td><td>0 ~ 63</td><td>15</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td>11</td><td>Sub Contrast</td><td>7</td><td>0 ~ 15</td><td>7</td><td></td><td></td><td>Adjustable</td></tr>
<tr><td rowspan="3">12</td><td rowspan="3">Sub Color</td><td rowspan="3">17</td><td rowspan="3">0 ~ 23</td><td>42”,43”(Wide)
47”,52”,55” : 15</td><td>23(AV/SV)
23(DVD/480p)</td><td>23</td><td rowspan="3">*Fixed</td></tr>
<tr><td>65” : 13</td><td colspan="2">19(AV/SV)
23(DVD/480p)</td></tr>
<tr><td>43”,48”,54”62”
: 15</td><td colspan="2">21(AV/SV)
23(DVD/480p)</td></tr>
<tr><td rowspan="2">13</td><td rowspan="2">Sub Tint</td><td rowspan="2">8</td><td rowspan="2">0 ~ 13</td><td colspan="2">42”,43”(Wide),47”,52”,55”,65” : 8
(AV/SV/DVD/480p)11</td><td></td><td rowspan="2">*Fixed</td></tr>
<tr><td colspan="2">43”,48”,54”,62” : 9
(AV/SV/DVD/480p)9</td><td></td></tr>
<tr><td>14</td><td>CTI Level</td><td>1</td><td>0 ~ 13</td><td>1(ALL-Mode)</td><td></td><td></td><td rowspan="3">*Fixed</td></tr>
<tr><td>15</td><td>COL AXIS</td><td>1</td><td>0 ~ 13</td><td>1(ALL-Mode)</td><td></td><td></td></tr>
<tr><td>16</td><td>LTI Level</td><td>1</td><td>0 ~ 13</td><td>1(RF-AV/SV/480p)</td><td></td><td>2</td></tr>
</table>

2-2-6 Video Adjust 2

❋ Do not change any fixed attributes

No	Video Adjust 1 (RF/1080i is Separated)	Initial Value	Range	RF		1080i	Remark
1	ABL mode	3	0 ~ 3	2(ALL-Mode)		3	Adjustable
2	Gamma	1	0 ~ 3	1(ALL-Mode)		1	*Fixed
3	DPIC Level (DNP)	3	0 ~ 3	1(AV/SV/DVD/480p)		2	Adjustable
4	DC Tran	1	0 ~ 3	3(AV/SV/DVD/480p)		1	
5	ABL TH	15	0 ~ 15	15(ALL-Mode)		15	Adjustable
6	VM Level	2	0 ~ 3	3(ALL-Mode)		2	Adjustable
7	VM Coring	3	0 ~ 3	0(AV/SV/DVD/480p)		0	Adjustable
8	VM fo	2	0 ~ 3	0(AV/SV/DVD/480p)		1	*Fixed
9	VM Limit	3	0 ~ 3	0(AV/SV/DVD/480p)		0	Adjustable
10	VM Delay	0	0 ~ 3	3(RF/AV/SV/DVD)	1(480p)	1	Adjustable
11	SHP CD	1	0 ~ 3	1(ALL-Mode)			Adjustable
12	SHP fo	0	0 ~ 1	1	1(AV/SV/DVD/Comp2)		
13	SHP f1 & P/O	13	0 ~15	11(ALL-Mode)		13	
14	AKB Time	16	0 ~ 31	16		16	
15	YC Delay	30	0 ~ 31	31		30	
16	PIP YC Delay	30	0 ~ 31	30		30	
17	BandPass 9407	1	0 ~ 7	1		1	
18	HighPass 9407	3	0 ~ 7	2		3	
19	VSP_1E_DATA1	15	0 ~ 15	15		15	
20	VSP_1E_DATA2	15	0 ~ 15	15		15	
21	VSP_1E_DATA3	13	0 ~ 15	13		13	

2-2-7 Video Adjust 3

❈ Do not change any fixed attributes

No	Video Adjust 3 (All Mode Equality)	Initial Value	Range	RF	Remark
1	Pilot Low	7	16 ~ 127	7	
2	Pilot High	13	16 ~ 127	13	
3	H Comp	10	0 ~ 15	10	
4	V Comp	10	0 ~ 15	10	
5	Pin Comp	0	0 ~ 7	0	
6	AFC Comp	0	0 ~ 7	0	
7	Sync Phase	0	0 ~ 1	0	
8	NR Off Value	0	0 ~ 9	0	
9	Melody Volume	4	0 ~ 20	4	
10	Video Mute Time	5	0 ~ 1sec	500ms	
11	PIXEL-SHIFT	1	0 ~ 5	1	
12	SHIFT-TIME	60	0 ~ 60	60	
13	COLOR KILL LEVEL	191	0 ~ 255	191	
14	Real Time(Hour)	72	0 ~ 255	72	

2-2-8 Video Adjust 4

❋ Do not change any fixed attributes

No	Video Adjust 4 (Only Indicated Modes)	Initial Value	Range	RF	Remark
1	System RF	2	0 ~ 3	1	
2	System_VSD_480p	2	0 ~ 3	2	VSD=AV/SV/DVD
3	System_1080i	2	0 ~ 3	2	
4	Shp_Fo_VSD_480p	1	0 ~ 3	1	VSD=AV/SV/DVD
5	HPF_VSD	3	0 ~ 1	3	VSD=AV/SV/DVD
6	BPF_VSD	1	0 ~ 7	1	
7	Chrm_bdwth_RF	28	0 ~ 7	28	
8	Chrm_bdwth_Video	28	0 ~ 63	28	
9	Chrm_bdwth_Sviceo	30	0 ~ 63	30	
10	Chrm_bdwth_DVD	28	0 ~ 63	28	
11	IF_Comp_RF	2	0 ~ 63	2	
12	IF_Comp_Video	4	0 ~ 7	4	
13	IF_Comp_Svideo	5	0 ~ 7	5	
14	IF_Comp_DVD	4	0 ~ 7	4	
15	VM_Delay_480p	1	0 ~ 3	1	
16	MDB STRENGTH	70	0 ~ 127	70	
17	SRS CLARITY	70	0 ~ 127	70	
18	DRC LEVEL	45	0 ~ 127	11	

2-2-9 Video Adjust DNIe

❋ Do not change any fixed attributes

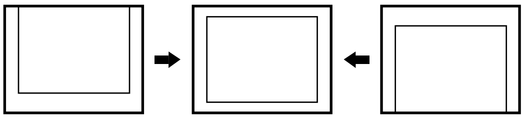
No	ITEM	Initial Value	Range	RF	AV/SV/480i/480p	1080i	Remark
1	NR SCALEMAX	48	0 ~ 255	48	48	48	
2	NR SCALEMIN	28	0 ~ 255	26	26	26	
3	NR HPF TH	0	0 ~ 7	0	0	0	
4	NR EDGE TH	4	0 ~ 7	4	4	4	
5	NR SEL	2	0 ~ 3	2	2	2	
6	CE UPPER	196	0 ~ 255	196	196	196	
7	CE CUTOFF	52	0 ~ 255	52	52	52	
8	CE GAIN L	45	0 ~ 255	45	45	45	
9	CE GAIN U	35	0 ~ 255	35	35	35	
10	DCE GAIN	64	0 ~ 255	64	64	64	
11	DE GAIN	64	0 ~ 255	64	64	64	
12	DE NOISE GAIN	8	0 ~ 15	8	8	8	
13	DE CORING	0	0 ~ 63	0	0	0	
14	DEE H CONT	8	0 ~ 255	8	8	8	
15	DE V CONT	32	0 ~ 255	32	32	32	
16	WS ON	0	0 ~ 1	0	0	0	
17	WS GAIN	8	0 ~ 63	8	8	8	
18	CTE GAIN	64	0 ~ 255	64	64	64	
19	WTE GAIN	50	0 ~ 255	50	50	50	
20	R NR ON	1	0 ~ 1	1	1	1	
21	R NOISE TH1	8	0 ~ 127	8	8	8	
22	R NOISE TH2	72	0 ~ 255	72	72	72	
23	R NOISE TH3	128	0 ~ 255	128	128	128	
24	R GAIN 2	127	0 ~ 127	127	127	127	
25	RED OFFSET	256	0 ~ 255	0	0	0	Adjustable
26	GREEN OFFSET	256	0 ~ 255	0	0	0	Adjustable
27	BLUE OFFSET	256	0 ~ 255	0	0	0	Adjustable

2-2-10 Option

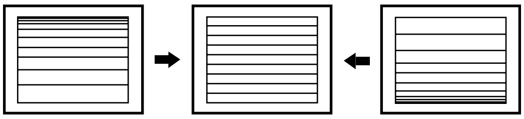
No	Option (47 00 2C)	Initial Value	Range	Option (47 00 2C)	Remark
1	CRT	4:3	Wide↔4:3Wide	Wide	4:3 TV or 16:9 TV
2	PIP	On	On↔Off	On	PIP On/Off No On Option
3	3D-Comb	On	On↔Off	On	3D-Comb On/Off No On Option
4	Hi-Deviation	Off	On↔Off	Off	Option for Hi-Deviation CRT TV, No Options
5	DNSe	On	On↔Off	Off	DNSe is not applied No Option
6	AGC	Off	On↔Off	Off	No AGC Option
7	X-Ray	On	On↔Off	On	No X-Ray ON Option
8	PIP Sequence	Large	Large	Large	Options for Immediate
9	Letter Box	On	On↔Off	On	Broadcastings, No Options DNIe Demo Defaults
10	DNIe	Demo	Off/On/Demo	Off	No Option
11	SAMSUNG Logo	Off	On/Off	Off	
12	HDMI	Off	On/Off	On	
13	BBE	Off	On/Off	Off	
14	SYSTEM	CT	CT↔CT-A	CT	
15	V-Chip	On	On↔Off	On	
16	ACS	On	On↔Off	On	

2-3 Screen Change (When adjusting I^2C Bus Geometric items)

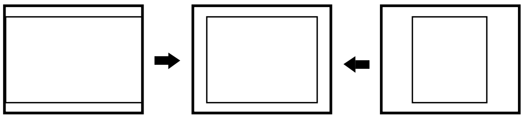
1 V SHIFT



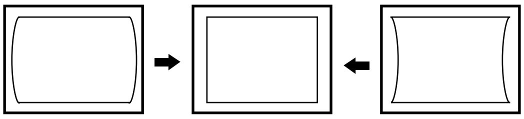
2 V LINEARITY



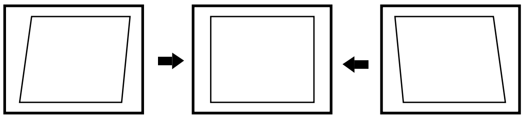
3 H SIZE



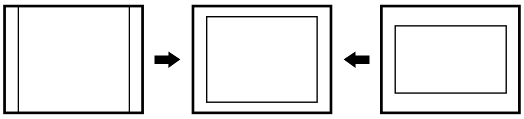
4 PIN AMP



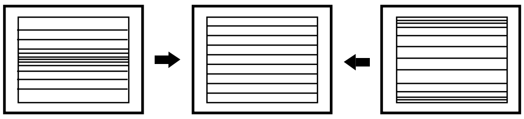
5 V ANGLE



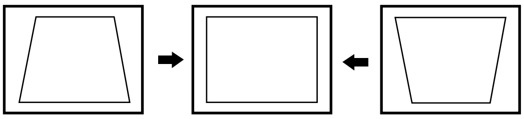
6 V SIZE



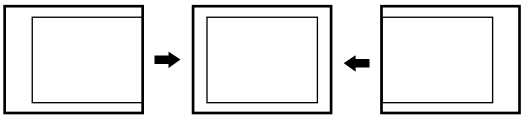
7 V - S - CORRECTION



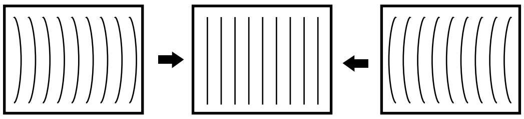
8 PIN PHASE



9 H SHIFT



10 V BOW



2-4 Factory Data

2-4-1 Other Adjustments

2-4-1 Other Adjustments

1. Warm up the TV for at least 30 minutes.
2. Select the “STANDARD” Video mode.
3. Turn to the Video Mode (No Signal) using a remote-control.
4. Connect an oscilloscope to RK,GK,BK.
5. Adjust the VR Screen (in the Focus Pack) to have 20VP-P for the RK, GK and BK pulse. (Turn the R,G and B VR screen fully counterclockwise at each flyback line.)

* Voltage adjustment connt be done using a normal multi-tester.
For adjustment, use an oscilloscope.
The voltage shown by the tester is false data because the AC peak to peak voltage is adjusted
under DC conditions.

2-4-2 White Balance Adjustment

1. Select the “STANDARD” video mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote control keys in the following sequence:
   MUTE → 1 → 8 → 2 → POWER
4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the ENTER keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive, and B-drive by pressing the ENTER keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo screen adjustments and 6~9.
11. Press the Add key to exit.

2-4-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control keys in the following sequence :
   MUTE → 1 → 8 → 2 → POWER
3. Select SBT by pressing the ENTER keys.
4. Adjust so that the 63 step on the right side of the screen is not seen (Use the ENTER keys).
5. Press the Menu key to exit.

2-4-4 High Voltage (29KV) Check

Precaution

1. Input a lion head pattern.
2. Select “STANDARD” video mode.
3. Warm up the TV for at least 10 minutes.
4. Use a 1000:1 probe.

Adjustment

1. Connect the (+) terminal of the 1000:1 probe to the high voltage distributor and the (-) terminal to GND (located on the deflection board).
2. Adjust RR471S (located on the deflection board) so that the digital meter indicates DC 29V ± 0.1V.

2-4-5 F.S. (Fail Safe) Adjustment

Note : The finished product has VR (RR402S) adjusted and glued at the factory.
If necessary, do the F.S. adjustments in the following sequence.

1. Use a digital multimeter.
2. Connect the digital multimeter to the JIG pin (DZ482S) terminals
3. Adjust VR (RR402S) so that the voltage becomes 2.25V.
4. After the adjustments are complete, be sure to glue VR (RR402S) correctly.

❋ **point voltage of 2.25V. Adjust to protect the CRT and internal circuits from over-voltage, exceeding 43KV, caused by the Set's internal & external conditions.**

❋ **Conditions enabling the Adjustment**
- FBT is replaced
- H/V Module replaced
- 29KV high voltage is adjusted

2-4-6 F.S. (Fail Safe) Circuit Check

Note : The F.S. Circuit check must be performed after servicing.

1. Turn on the TV.
2. Select the "STANDARD" video mode.
3. Short F/S Test point (located on the SUB PCB). Then, both sound and picture disappear. (Note: Even if the shorted terminals are removed, both sound and picture do not appear. This proves the F.S. circuit is working.)
4. To restore both sound and picture, turn off the TV and reset it after about 30 seconds.

2-4-7 Static Focus Adjustment

Precaution

1. Select the "STANDARD" video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus.
   (See Fig, 2-1)

STatic focus (continued)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance.
Figure Crosshatch Pattern
Examine these points together.

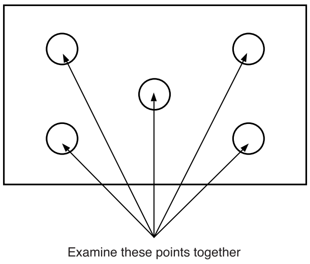


Fig. 2-1 Crosshatch Pattern.

2-4-8 Lens Focus Adjustment

PRECAUTIONS

1. Do this adjustment after the static focus adjustment and the tilt adjustment.
2. Select the "STANDARD" video mode. (Contrast:100, Brightness:50)
3. Input a crosshatch pattern.

ADJUSTMENT

1. Loosen the lens screws.
2. Cover the two lenses that are not being adjusted.
3. Adjust the lens, observing the color aberration vertically and horizontally within 3 blocks of the center of the crosshatch pattern.

4. When the lens is turned clockwise, the color aberration will change as follows:

Lens	Color Aberration Change
R	Orange - Crimson
G	Blue - Red
B	Purple - Green

5. Green lens adjustment:
   Set the lens at the point where Blue just changes to Red. If the color aberration is irregular throughout the picture screen, adjust the lens to show Red color aberration (approximately 1~3 mm area) within a 3-block grid around the horizontal center-line. If the color aberration is irregular, adjust the lens as shown in the diagram below. (Accurate alignment of Green is important for overall color quality.)

6. Red lens adjustment
   Set the Red lens at the point where Orange becomes Crimson.

7. Blue lens adjustment
   Set the Blue lens at the point where Purple becomes Green.

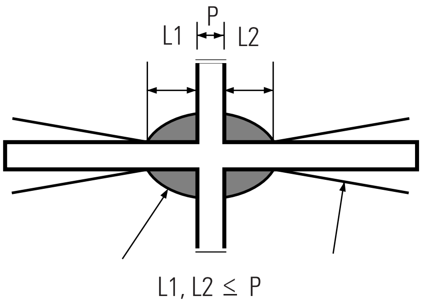
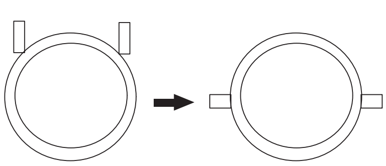


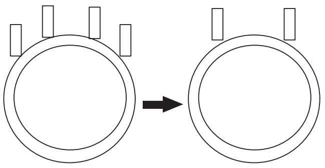
Fig. 2-2 Color Aberration

2-5 Beam alignment Adjustments

1. Select the “STANDARD” video mode.
2. Warm up the set at least for 10 minutes.
3. Enter the Convergence mode by pressing the remote control buttons in the following sequence : MUTE → 1 → 8 → 3
4. Set the Beam Alignment Adjustment CY to Zero magnetic field area.

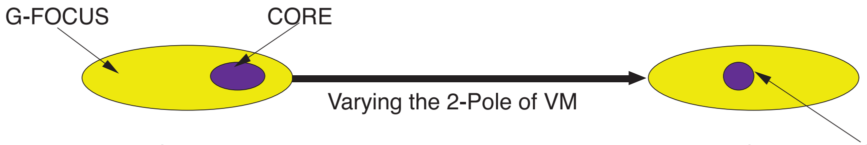


(Creation of CPM Zero Magnet)



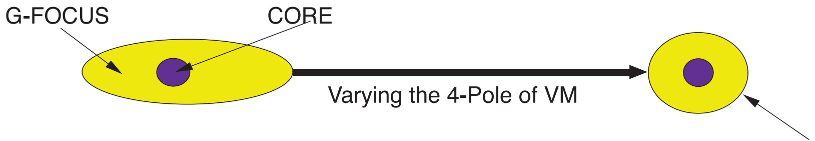
(Creation of the 2-Pole/4-Pole Zero magnets)

5. Check the squarewave at the point where the focus is misaligned (Use an audio oscillator).
6. Press the PIP ON button on the remote control, and a vibrating dot-pattern appears.
7. Adjust the Focus-pack VR for defocusing.
8. Mute the other patterns (R/B) other than G-PATTERN.
   (Use +100 / PRE-CH buttons on the remote control.)
9. Adjust the 2, 4 polarities of VM-COIL as shown in figure below.
10. Adjust the G-Focus until any light around the core disappears.



(Varying G-Focus Pack)

(Positioning the Core in the Center)



(When VM 2-Pole Adjustment is completed)

(Adjust until the light around the core become a circle)

11. Adjust G-Focus so that the surrounding flash can disappear from the spot.
12. After G-Focus adjustments are complete, adjust R-Focus as above procedures.
13. The B-CRT adjustments can be omitted because the variance of beam focus is small.
    (Only Vm-coil is mounted.)
14. Adjust the Focus-pack VR for fine focusing.
15. Press the PIP ON button on the remote control, and the mode changes to the Convergence Adjustment mode.
16. Press the S.MODE button on the remote control to return to normal viewing.

2-6 High Voltage Part

2-6-1 PWM REG Circuit

For the existing high voltage REG circuit (input voltage variation type), a dynamic REG response is not provided. So it is difficult for both beam linearity and uniformity in screen size to be maintained on the screen with rapidly changing beams.

A PWM (Pulse Width Modulation) type of high voltage, however, provides the maintenance of beam linearity and uniformity in screen size via a quick response to beam change by performing sync lock every 1H line, and detecting beam fluctuation at 1H line, and then controlling the IC current of high voltage output circuit.

1. High Voltage Fluctuation Detect (DC Detect)

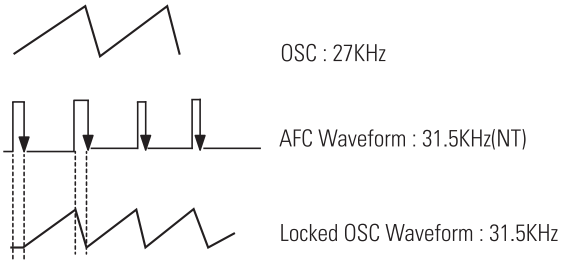
FBT pin 11 detects DC high voltage fluctuation. The detected DC high voltage value is input to PWM IC471 pin1 through R473, VR471, R471, and then it is input to a differential AMP circuit that differentiates the gap after comparing with the reference voltage input to pin2.

2. High Voltage Fluctuation Detect (AC Detect)

To check AC high voltage fluctuation, the output from FBT is detected by using a capacitor inside the high voltage distributor. The detection of AC high voltage fluctuation,
a detection of dynamic beam current change is required in order to keep beam linearity and uniformity in size.
Regarding the capacitor, a capacity of less than 3000P should be applied to a PWM type. (The existing type needs a capacity of about 6000P.)
AC detect circuit eliminates unnecessary high frequency by using C476, D472. Also, AC gain is limited to + / - 0.7V (D472). This AC gain is combined with the detection value of DC high voltage fluctuation by using C478.

3. PWM IC OSC Sync Lock

A PWM type IC needs sync lock for PWM pulse and horizontal scan line.
The standard time constant of OSC circuit is determined by C487, R475 (PWM IC pins 5 and 6).
And the standard OSC frequency is about 27 kHz . The horizontal frequency of scan line is 31.5kHz(NT), 31.25kHz(PAL), so sync lock for this horizontal frequency should be performed using sync lock circuit. The sync lock circuit consists of Q481(Tr KSC815-Y), D479, D478, and C492. The input AFC signal is connected to PWM IC pin 5 through D479 so that it can be negative Trig.

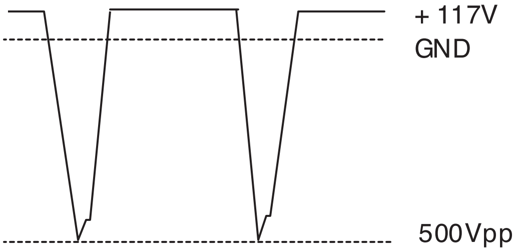


4. Dead Time (HV Protect)

Dead Time (PWM IN pin4) consists of C481, delays high voltage for a certain time to soft start in power on, a x-ray protection circuit.
The voltage of Dead Time is detected by FBT pin7 and through DC Feedback. The normal voltage of Dead Time is +27V. When high voltage increases, however, detected voltage is in proportion to high voltage. Then, the detected voltage is applied to ICR01S(TL431).
If the voltage is over 2.5V (normal:about 2.25V), TL431 turns ON, the base port of QR401S becomes low, and then an emitter current flows. At this time, a high voltage protection point is set. When QR401S turns ON, high voltage is applied to PWM IC pin4 and then muted.

5. Output Circuit

The voltages, which are detected form an error detection circuit of PWM IC (Differential AMP) and Dead Time, each is applied to PWM conparator . Due to these detection coltages, Q1, Q2 (Output TR) parallel operate. Q482 (External TR), however, functions as a buffer; natches inpedance between the output port of PWM IC and the final output TR(IRFS640). The PWM pulse (applied to the final output FET (IRFS640 GATE) varies the IC current of high voltage TR(Q473) by adjusting the load impedance of starage Trans (T431). Due to this variation of current, the gain for Q473 emitter pulse changes T444(FBT)makes this emitter pulse became high voltage. Such change keeps both dynamic and static changes fixed. The output waveform of high valtage TR emitter is as shown in the figure below.



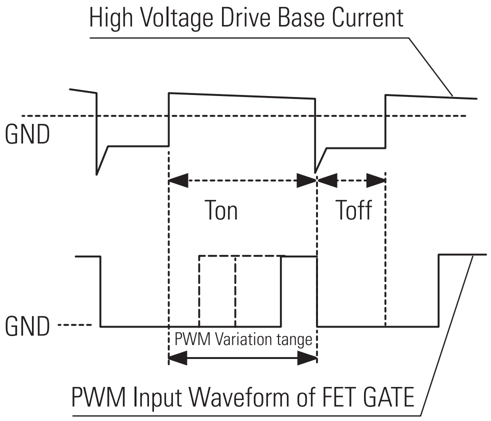
6. Paraneters according to beam

To maintain the set high voltage value (31kV), parmaters such as +Ve (DC), Vcp High Voltage change (See the table below).

Factor of high voltage change	Parameters			
	Width of FET Gate Pulse	+ Ve (DC)	Vcp	High Voltage
Beam ↓ (High voltage ↑)	↓	↑	↓	↓
Beam ↓ (High voltage ↑)	↑	↓	↑	↑

7. Response Waveform

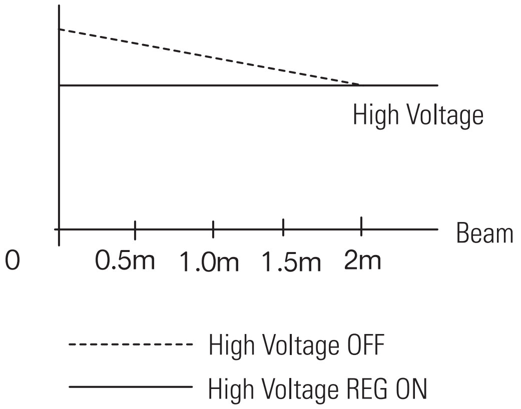
To reduce unstable high voltage fluctuation, the existing high voltage type REG circuit controls dynamic fluctuation by using C-block capacitor. But, it can't detect actual dynamic fluctuation. Also, its velocity of response to static fluctuation is late because +B power supply changes per about 1V. A PWM modulation type REG detects static, dynamic high voltage fluctuation for only Ton Time (when the current of the output TR collector flows) each 1H, and modulates the width of PWM pulse. So, this PWM type has better improvement in the characteristic of high voltage REG as compared to the existing type.

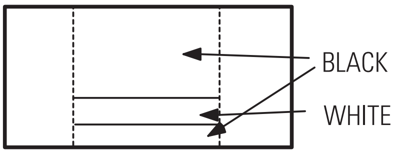

High Voltage Drive Base Current
GND
Ton
Toff
GND
PWM Variation tange
PWM Input Waveform of FET GATE

8. Application Effects

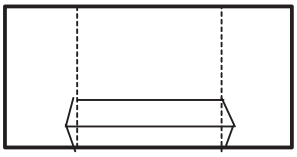
1) Improvement of horizontal size fluctuation
2) Linearity improved
3) Embodiment of X-ray protection circuit

The figures below show characteristics when a PWM high voltage REG circuit is applied.





PWM type

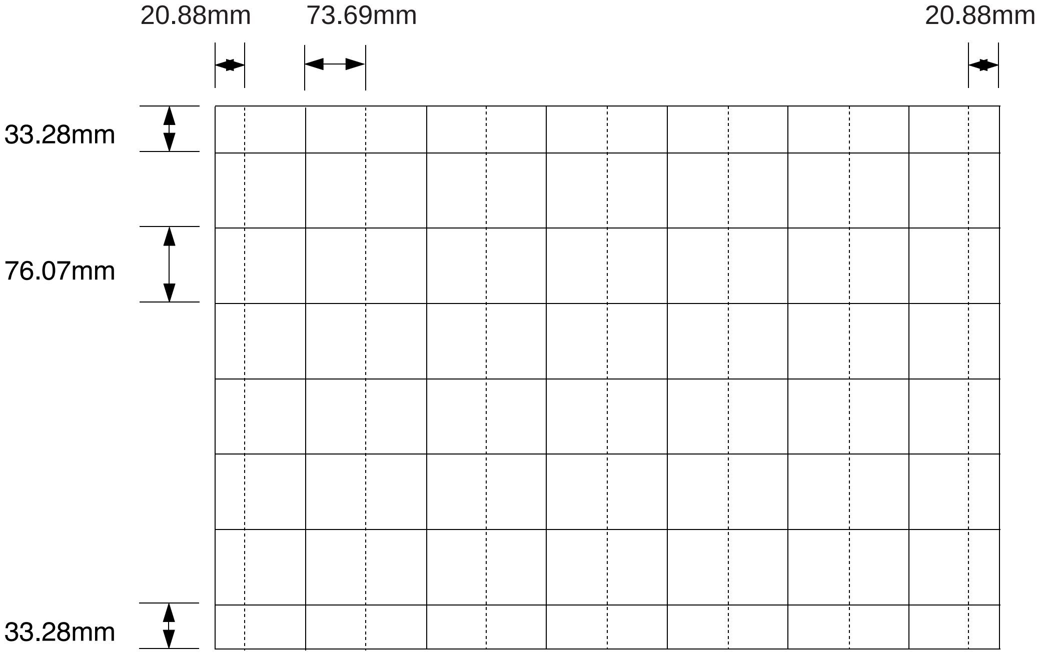


When a Toshiba Pattern is recrived, the screen is displayed as shown in figute side

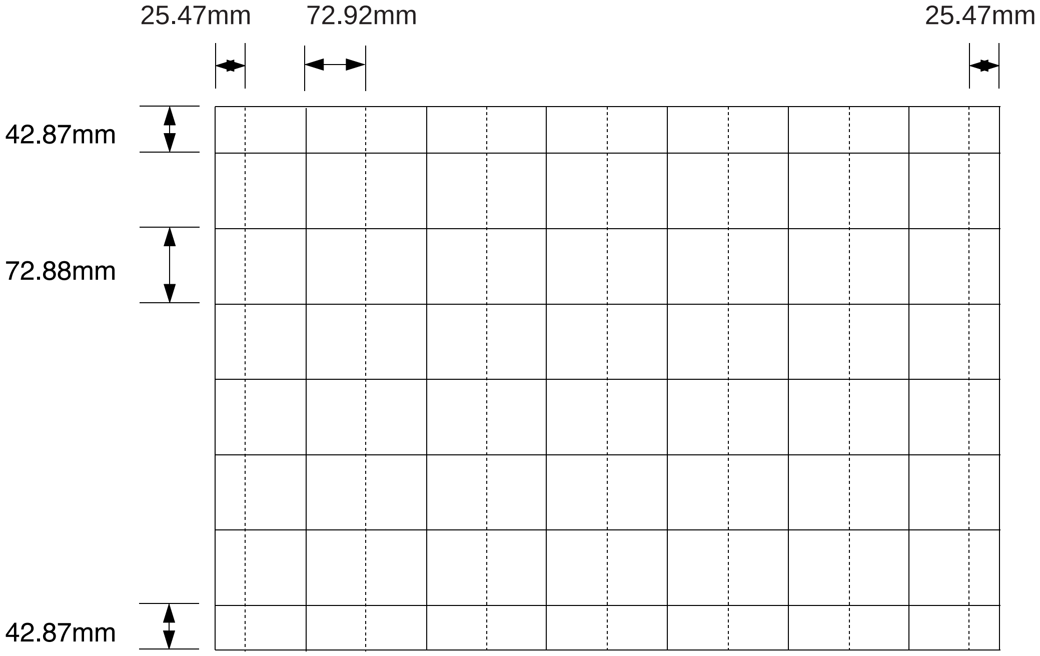
Existing type

2-7 Convergence-Jig

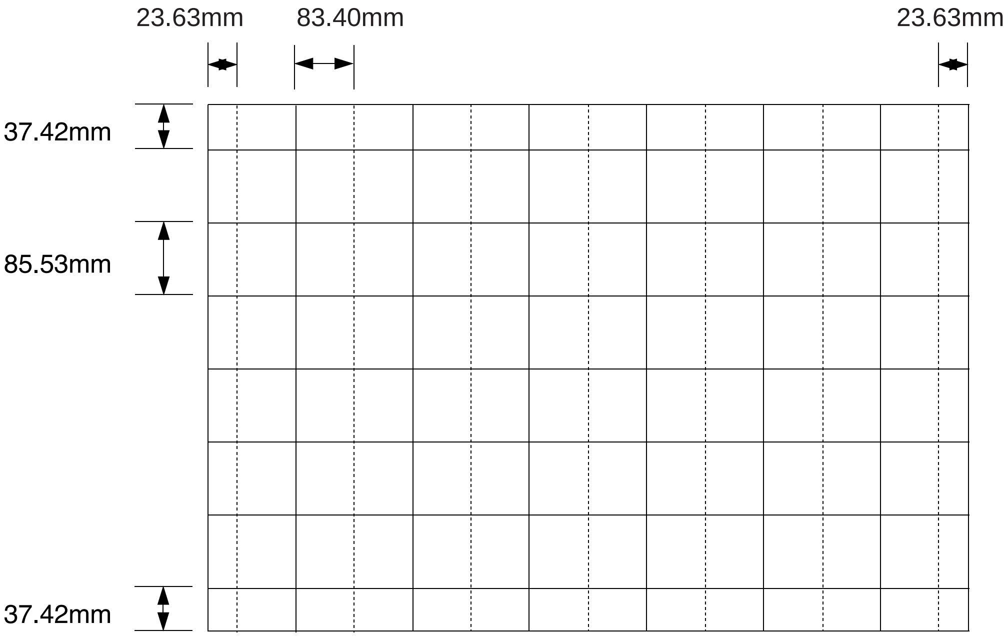
2-7-1 HCP4252W RF Mode


20.88mm
73.69mm
20.88mm
33.28mm
76.07mm
33.28mm

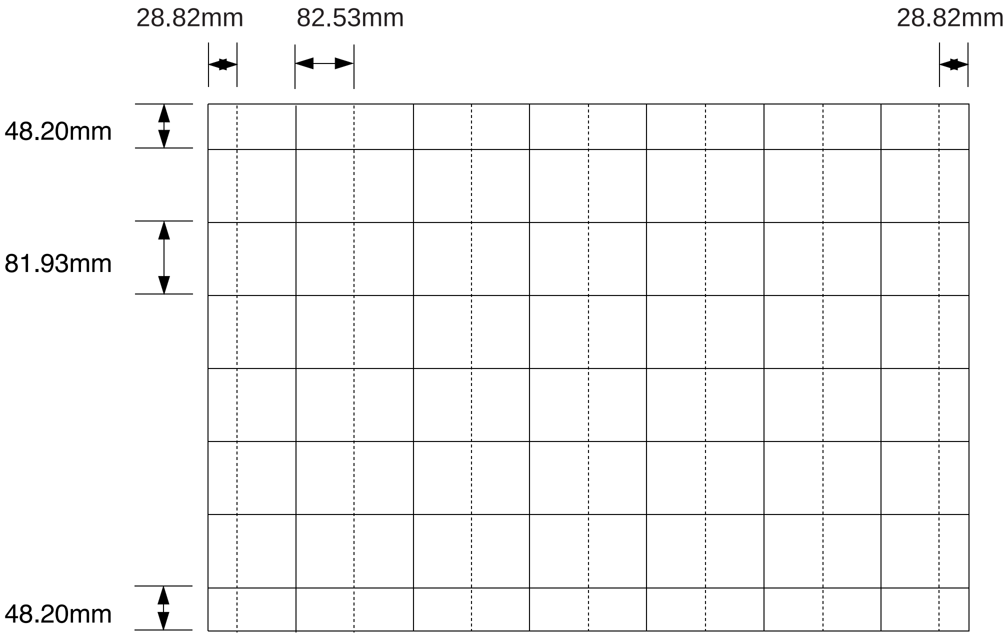
2-7-2 HCP4252W 1080i Mode


25.47mm
72.92mm
25.47mm
42.87mm
72.88mm
42.87mm

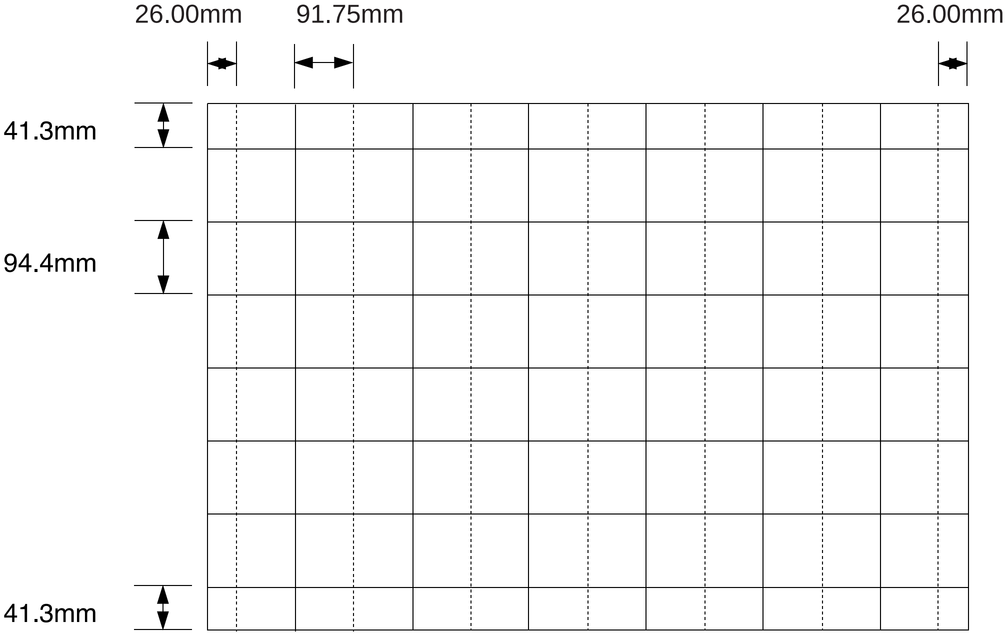
2-7-3 HCP4752W RF Mode


23.63mm
83.40mm
23.63mm
37.42mm
85.53mm
37.42mm

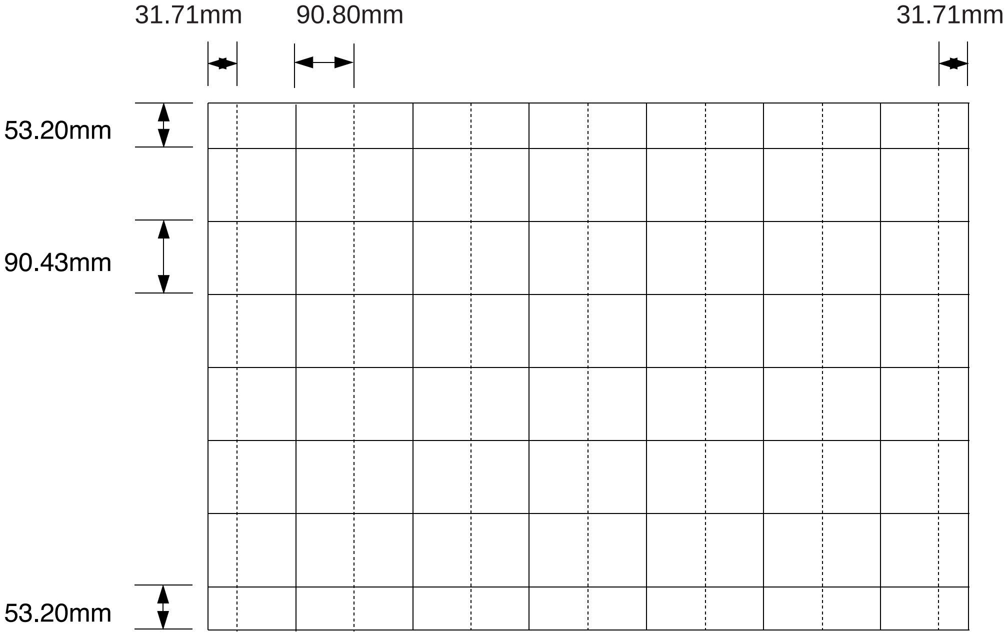
2-7-4 HCP4752W 1080i/ Mode


28.82mm
82.53mm
28.82mm
48.20mm
81.93mm
48.20mm

2-7-5 HCP5252W RF Mode


26.00mm
91.75mm
26.00mm
41.3mm
94.4mm
41.3mm

2-7-6 HCP5252W 1080i Mode


31.71mm
90.80mm
31.71mm
53.20mm
90.43mm
53.20mm

2-8 P59A Remote Control Descriptions for Convergence Mode

① **POWER**
Turns the TV on and off.

② **P.SIZE**
Press to change the picture size.

③ **FAV.CH**(Favorite channel)
Press to switch between your favorite channels.

④ **Number buttons**
Press to select channels directly on the TV.

⑤ **+100**
Press to select channels over 100. For example, to select channel 121, press the "+100", then press the "2" and "1".

⑥ **MUTE**
Press to temporarily cut off the sound.

⑦ **VOL +, VOL -**
Press to increase or decrease the volume.

⑧ **SLEEP**
Press to select a preset time interval for automatic shut off.

⑨ **MENU**
Displays the main on-screen menu.

⑩ **STILL**(Main)
Press to stop the action during a particular scene. Press again to resume normal video.

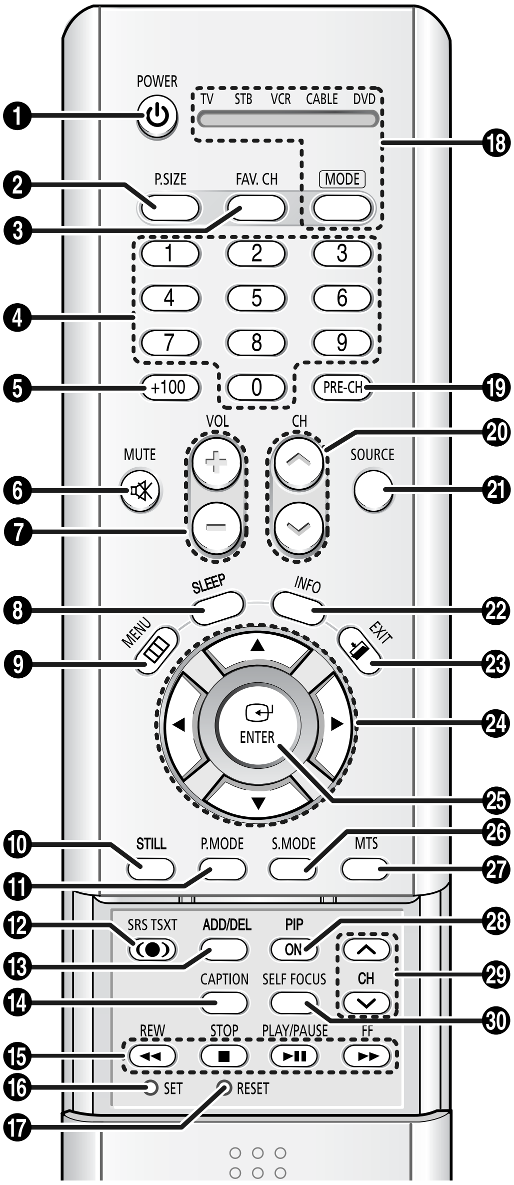
⑪ **P.MODE**
Adjust the TV picture by selecting one of the preset factory settings (or select your personal, customized picture settings.)

⑫ **SRS TSXT**
Activates TruSurround.

⑬ **ADD/DEL**
Press to add or erase channels in the TV's memory. Use to memorize or erase the fine tuning after fine tuning channels.

⑭ **CAPTION**
Press to view closed caption information.

⑮ **VCR/DVD Controls**
Controls VCR/DVD functions: Rewind, Stop, Play/Pause, Fast Forward.



⑯ **SET**
Used during set up of this remote control, so that it will work compatibly with other devices(VCR, STB, Cable box, DVD, etc.)

⑰ **RESET**
If your remote control is not functioning properly, take out the batteries and press the reset button for about 2~3 seconds. Re-insert the batteries and try using the remote control again.

⑱ **MODE**
Selects a target device to be controlled by this remote control (i.e., TV, STB, VCR, Cable box or DVD.)

⑲ **PRE-CH**
Tunes to the previous channel.

⑳ **CH∧, CH∨**
Press to change channels.

㉑ **SOURCE**
Each time the button is pressed, all the inputs connected to the external component jacks will be shown in regular sequence.

㉒ **INFO**
Press to display information on the TV screen.

㉓ **EXIT**
Press to exit the menu.

㉔ **◀/▶/▼/▲**
Control the cursor in the menu.

㉕ **ENTER**
While using the on-screen menus, press ENTER to activate(or change) a particular item.

㉖ **S.MODE**
Adjust the TV sound by selecting one of the preset factory settings (or select your personal, customized sound settings).

㉗ **MTS**(Multichannel Television Sound)
Press to choose stereo, mono or Secondary Audio Program(SAP broadcast).

㉘ **PIP ON**
Activates PIP(Picture-In-Picture).

㉙ **CH∧, CH∨**
Displays the available channels in sequence.(These buttons change channels in the PIP window only.)

㉚ **SELF FOCUS**
Press to adjust for the optimum picture set in the factory.

2-8-1 KEY Function

1. **R-SELECT KEY** 7
   Press to select RED color.

2. **G-SELECT KEY** 8
   Press to select GREEN color.

3. **B-SELECT KEY** 9
   Press to select BLUE color.

4. **R-MUTE** +100
   Press to mute RED color.

5. **G-MUTE** 0
   Press to mute GREEN color.

6. **B-MUTE** PRE-CH
   Press to mute BLUE color.

7. **CANCEL KEY** 3
   Recalls the previous data during convergence Adjustment.
   (Recalls the last memorized data)

8. **TEST/NORMAL** INFO
   Used for switching back to the Normal screen fter entering Convergence Mode while receiving a general input signal. Allows for comparison between the Adjustment screen and the Normal screen during adjusment.
   ♣ Each press of the key will switch between modes.

9. **LINE SHIFT KEY** 4
   (Repeat Fine Adjustment (no indication) → Line Adjustment → Enter Mode)
   - This key moves the line or whole pattern selected by the cursor, in the following directions : up/down/left/right, at the beginning of the Convergence Adjustment.
   - Press the 4 key 2 more times for fine Adjusment.

10. **FACTORY DATA SELECT KEY** 2
    Press to call the factory default values.

11. **H/V DIRECTION SELECT KEY** SOURCE
    Press to switch the cursor direction horizontally or vertically.

12. **SAVE KEY** ADD/DEL
    After the Convergence Adjustments are completed, press to save data.

13 EXIT KEY S.MODE

After the Convergence adjustments are completed, press to exit to TV mode.

14. MOVE CURSOR FORWARD MUTE

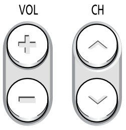
Press to move the cursor right or down.

15. MOVE CURSOR REVERSE P.MODE

Press to move the cursor left or up.

16. CONVERGENCE PICTURE MOVE BUTTON

Use the Channel button (▲,▼) to adjust Convergence Data up/down and use the Volume buttons (+, -) for left/right adjustment



16-1. Remocon (TM63A) : Using the Joystick

Move the cursor up, down, left and right by using the Joystick, and adjust the Convergence Data by using the Channel ▲,▼ and Volume +, - buttons.

17. CONVERGENCE DATA ZERO KEY 1

Press to zero the convergence correction data.

18. FINE/COARSE KEY 2

Inch (Type)	Model Name	Basic Data	Screen Display	Discription
	Representative Model	Number after entring the Cg-Mode		
42" (42Q2)	HCP-4252W	5-422 (Press in regular order)	+ + + +	White Cross on the background (white cross)
47" (47Q2)	HCP-4752W	5-472 (Press in regular order)	+ + + +	White Cross on the background (white cross)
52" (52Q2)	HCP-5252W	5-522 (Press in regular order)	+ + + +	White Cross on the background (white cross)

2-8-2 Convergence Adjustment

NOTE

<Cautions regarding Automatic Color Adjustment>

☐ This model employs the Automatic Color Adjustment function to prevent distortion of the Convergence by the earth's magnetic field. For it to function properly, the Convergence should be precisely adjusted.

☐ The Screen Jig should be used for precise adjustment, so it does not escape the sensor's detection area. Sensors are on the center of each of the 4 faces.

☐ Adjustment should be precise, otherwise an Automatic Color Adjustment error occurs.

1. Aging the TV over 30 minutes is required.

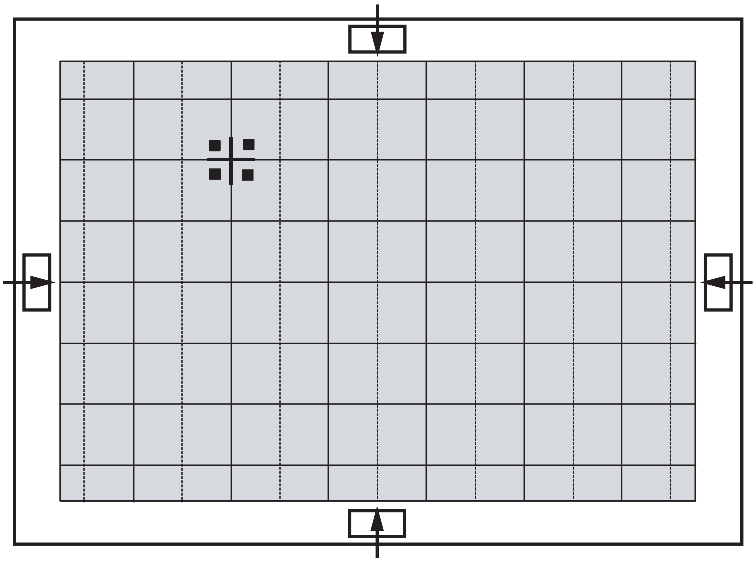
2. Apply the NTSC input signal from the antenna or other external input source.

NOTE Before adjusting the Green, Red and Blue patterns, adjust the DY of the CRT to avoid having a tilted center line.

3. Press Mute, 1, 8, and 3 (on the remote control) sequentially to enter Convergence Mode. The Test Pattern is displayed.

MUTE → 1 → 8 → 3

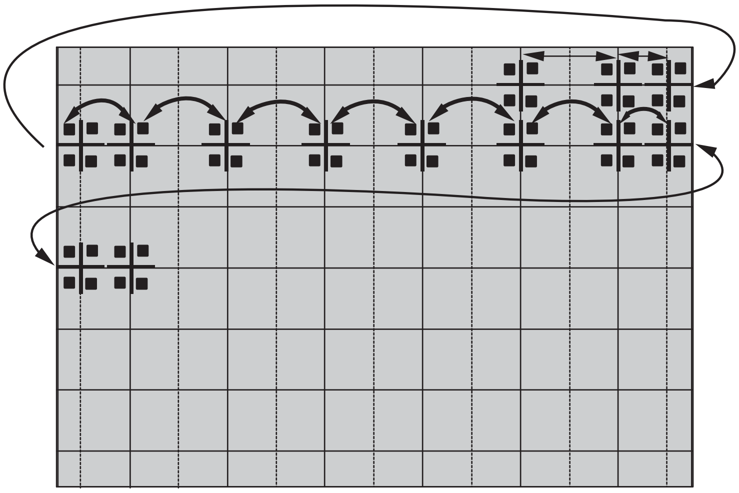
NOTE If an OSD (On-Screen Display) appears during the process, press the S.MODE key to exit Convergence mode and then re-enter Convergence mode.



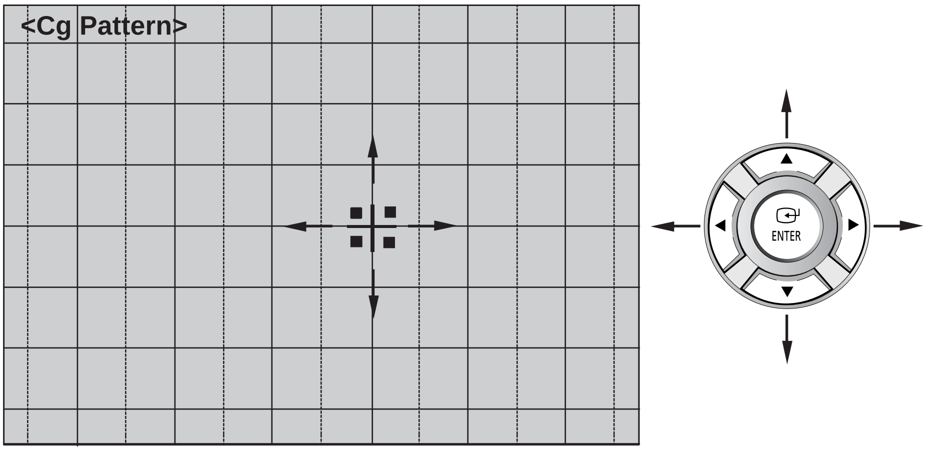
4. ress R-MUTE (+100) and B-MUTE (PRE-CH) to mute out Red and Blue. Press G-SELECT (8) to adjust the Green Color Convergence first.
(For the first entrance, Green Color Convergence will automatically be selected.)

(+100) → (8) → (PRE-CH)

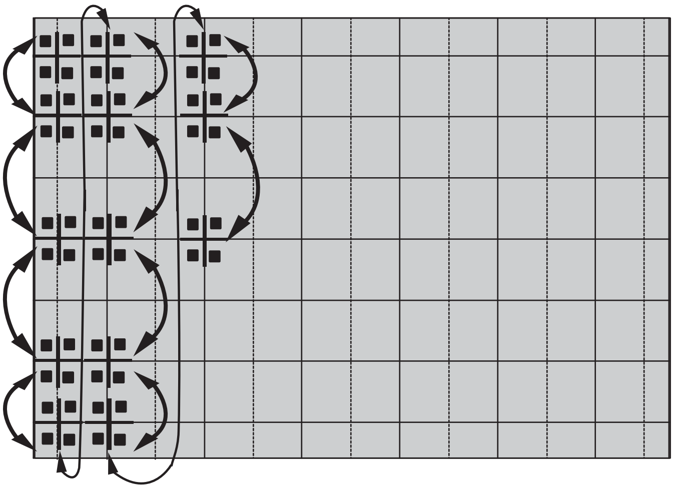
5. Press the MUTE key to move the cursor right, the P.MODE button to move the cursor left.



6. Scene Adjustment
Use the left (◀)/right (▶)/up (▲)/down (▼) buttons to move the cursor, and use the channel ▲,▼ button and the volume +, - buttons to adjust the convergence.

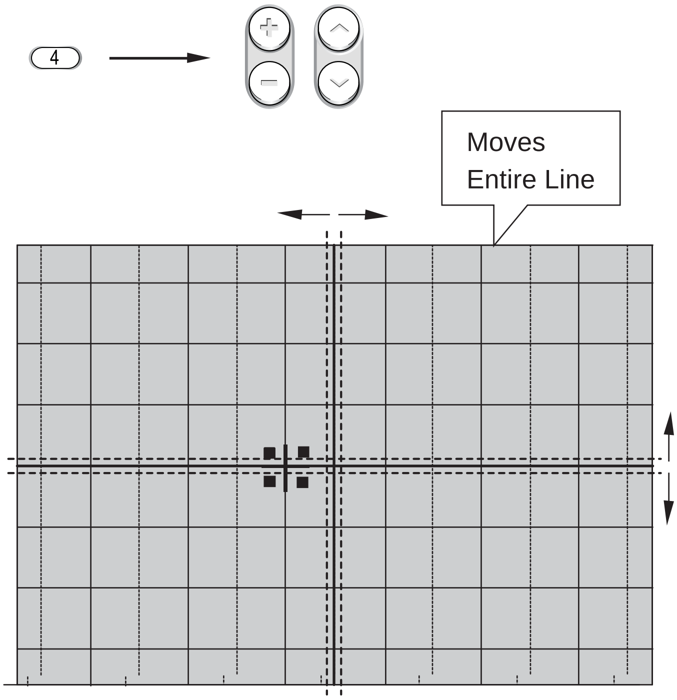


7. For vertical moves, select SOURCE ○ and press MUTE 🔇 to move up, and P.MODE ⬭ to move down.

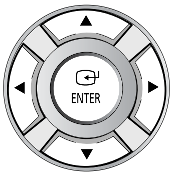


NOTE Pressing the SOURCE ○ key again will switch to horizontal movement.

8. Use the Line Move Key 4 for global shaping in the beginning stages of Convergence Adjustment.



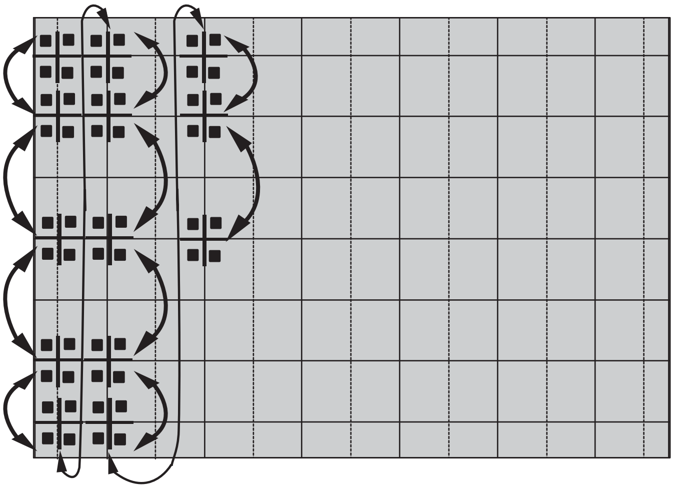
9. For general adjustment, press 4 to exit the line moving. Perform the general adjustment using up (▲)/down (▼)/ left (◀)/right (▶) button, channel ▲,▼ button, and the volume +, - buttons.



10. After completing Green Color Convergence, save the data by pressing the ADD/DEL key.

11. Adjust the Red Color based on the Green Color. Press the 7 button to release the Red Color from mute and select the Red Color by pressing the PRE-CH key.

12. Perform steps 5 ~ 10 to adjust the Red Color Convergence.



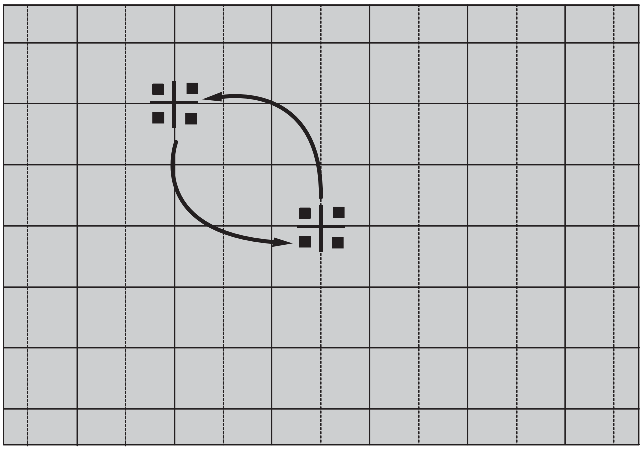
13. Adjust the Blue Color based on the Green Color. Press the +100 button to mute the Red Color again. Release the Blue Color from mute by pressing PRE-CH and select the Blue Color by pressing the 9 key.

14. Adjust the Blue Color Convergence by performing steps 5 ~ 10 and 13.

15. After adjusting all the colors, fill the screen with R, G and B color to validate. Adjust again if required, by selecting the corresponding color key.

16. Save the data by using the ADD/DEL key after the Red and Blue Color Convergence adjustment has been completed.

NOTE The Cursor will move to the center and blink two times before it automatically moves back to its original position.



NOTE After completing and saving the R, G and B Convergence Adjustment , the data should be saved by pressing the SELF FOCUS button before exiting Convergence Mode.

17. After completing the Convergence Adjustment, exit Convergence Mode by using the S.MODE key.

18. Follow the same procedure for DTV (1080i) Convergence Adjustment as you did for Normal Mode Convergence Adjustment.

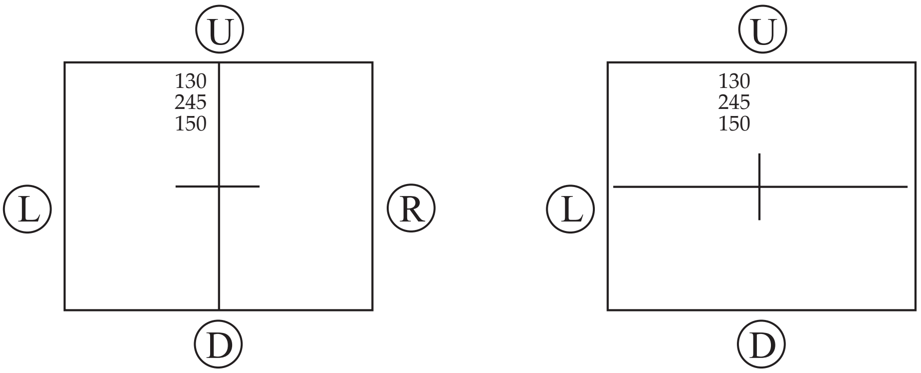
NOTE If Convergence Adjustment is not properly done, or the Convergence Center escaped the sensor’s detection area, an adjustment error occurs. Therefore, the Jig Screen should be used for precise Convergence Adjustment during servicing.

2-8-3 Self Focus (Convergence Mode)

1. After completing the Convergence Adjustment, press the Memory button to save the data and exit back to a black screen. Then enter Convergence Mode again to do the Automatic Color Adjustment by pressing the “Automatic Color Adjustment” button.

G ⟶ R ⟶ B

Up, Down ⟶ Left, Right



❋ When auto Convergence is complete, the data is automatically saved and the convergence pattern revets.

2-9 Pin Spec

2-9-1 Micom Module : CN901

PIN	NAME	PIN	NAME
1	KEYS1	33	5VB
2	PROTECT	34	H-BLK
3	KEYS2	35	GND
4	GND	36	V-BLK
5	KEY3	37	N.C
6	ST5V	38	GND
7	IR	39	GND
8	POWER	40	N.C
9	TIMER	41	N.C
10	1080i-SW	42	N.C
11	GND	43	N.C
12	V-RESET	44	N.C
13	SCL1	45	GND
14	GND	46	SUB-SW1
15	SDA1	47	TTX-C VBS
16	S-RESET	48	GND
17	STBY LED	49	GND
18	RESET	50	N.C
19	AMP-MUTE	51	AV-LINK
20	N.C	52	SW2
21	GND	53	GND
22	SW1	54	SW3
23	SCL2	55	RXD
24	DNIe-RESET	56	GND
25	SDA2	57	TXD
26	SW3	58	OSD-R
27	GND	59	GND
28	2RF-SW	60	OSD-G
29	SUB-AFT	61	WP
30	GND	62	OSD-B
31	MAIN-AFT	63	N.C
32	BUS-STOP	64	OSD-YS/YM

2-9-2 HDMI Module : CN703

PIN	NAME	PIN	NAME
1	N.C	33	N.C
2	O_CR	34	N.C
3	N.C	35	N.C
4	O_CB	36	GND
5	N.C	37	N.C
6	O_Y	38	N.C
7	N.C	39	N.C
8	GND	40	N.C
9	N.C	41	GND
10	O_V	42	GND
11	N.C	43	5V
12	O_H	44	N.C
13	N.C	45	GND
14	GND	46	N.C
15	N.C	47	SCL5
16	SEL_CR	48	MAIN_RESET
17	N.C	49	SDA5
18	SEL_CB	50	GND
19	N.C	51	GND
20	SEL_Y	52	N.C
21	N.C	53	N.C
22	GND	54	N.C
23	N.C	55	N.C
24	SEL_V	56	GND
25	N.C	57	N.C
26	SEL_H	58	N.C
27	N.C	59	N.C
28	GND	60	N.C
29	N.C	61	N.C
30	N.C	62	N.C
31	N.C	63	N.C
32	N.C	64	N.C

2-9-3 Convergence Module : CNZ01

PIN	NAME	PIN	NAME
1	N.C	17	GND
2	GND	18	GND
3	DF	19	BV
4	GND	20	BH
5	SCL	21	GV
6	CG-SYNC	22	GH
7	GND	23	RV
8	GND	24	RH
9	CG-R	25	GND
10	CG-G	26	H-BLK
11	CG-B	27	V-BLK
12	SDA-1	28	GND
13	GND	29	GND
14	IR	30	-5V
15	GND	31	5V-CG
16	GND	32	GND

2-9-4 Convergence Module : CNZ01

PIN	NAME	PIN	NAME
1	HV-D R1	9	GND
2	GND	10	HV-DC
3	HV-AC	11	GND
4	GND	12	DETECT
5	HV-REG	13	HB LK
6	V-BLK	14	2H-B LK
7	PROTECT	15	GND
8	X-RAY	16	EW

2-9-4 H/V Module

CN01	
PIN	NAME
1	HV-D R1
2	GND
3	HV-AC
4	GND
5	HV-REG
6	V-BLK
7	PROTECT
8	X-RAY
9	GND
10	HV-DC
11	GND
12	DETECT
13	HB LK
14	2H-B LK
15	GND
16	EW

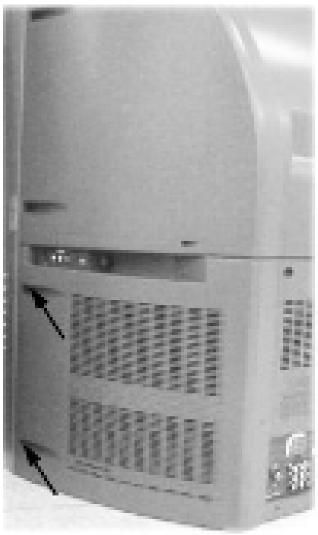
CN02	
PIN	NAME
1	38V
2	GND
3	HD
4	HD-OUT
5	12V

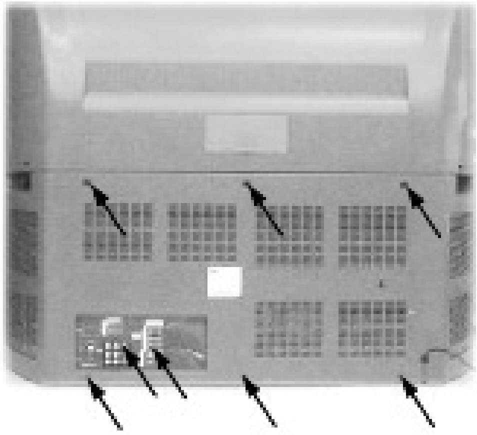
3. Troubleshooting

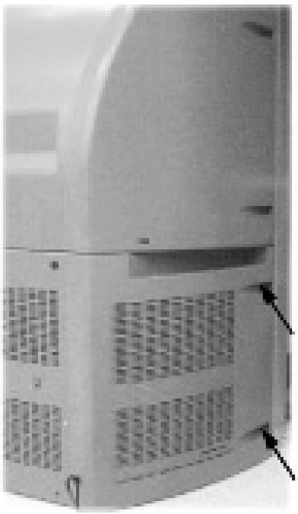
3-1 Opening the Set and Replacing Assemblies

3-1-1 Replacing and Repairing Each Assembly (Opening the Back Cover)

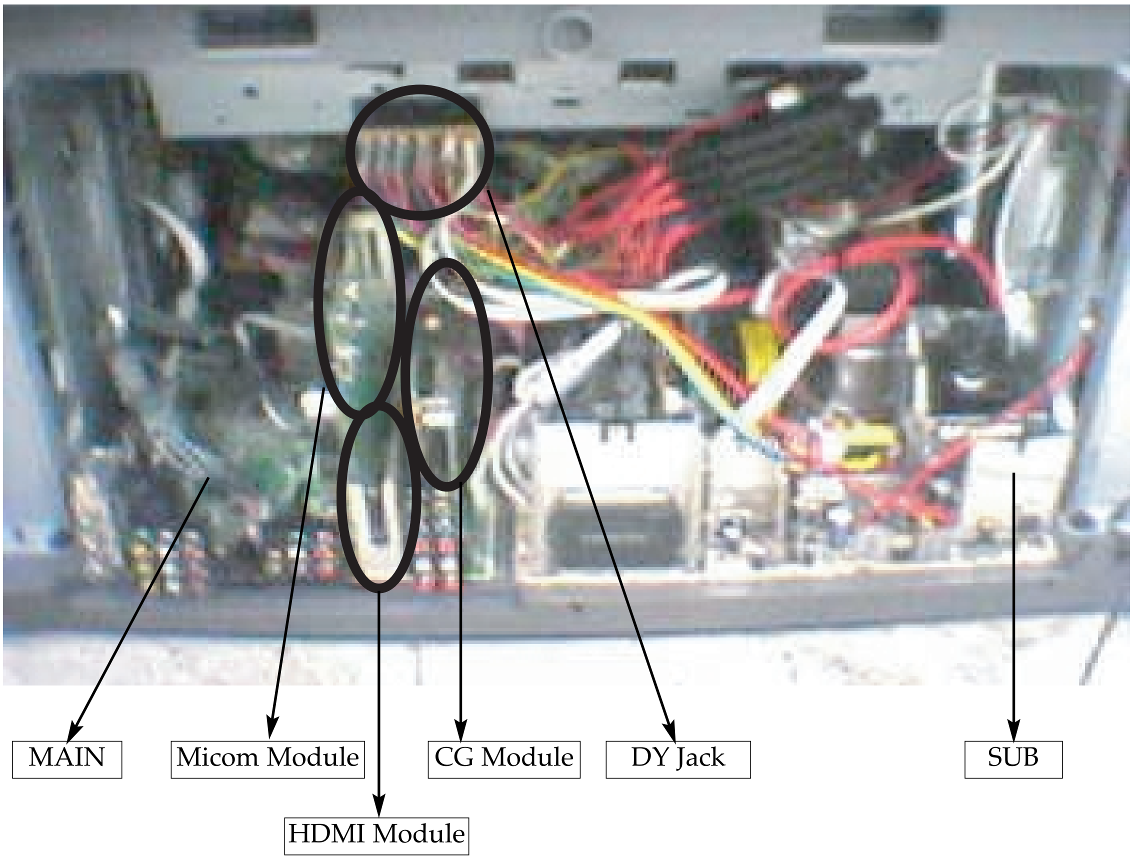
Remove all indicated screws on the rear side of the Set.





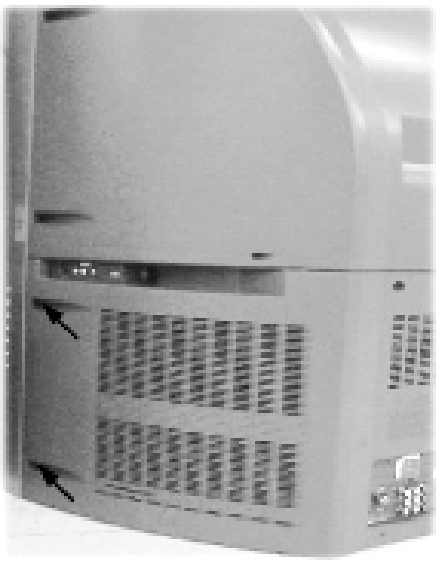


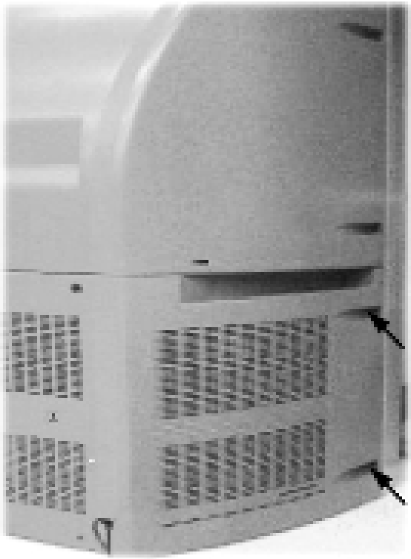
Repair or replace the required Assembly


MAIN
Micom Module
CG Module
DY Jack
SUB
HDMI Module

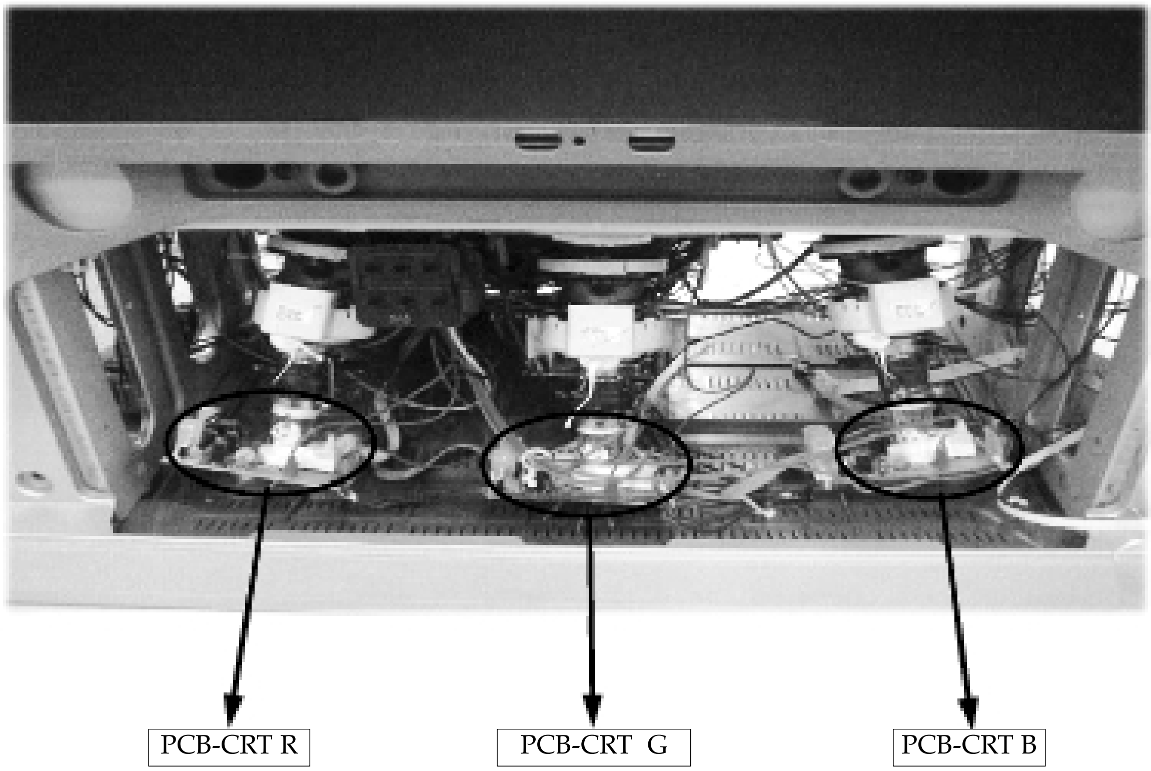
3-1-2 Replacing and Repairing CRT-PCB (Opening the Front Cover)

Remove all indicated screws and open the Front Cover.



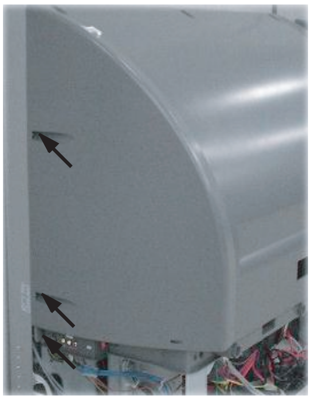


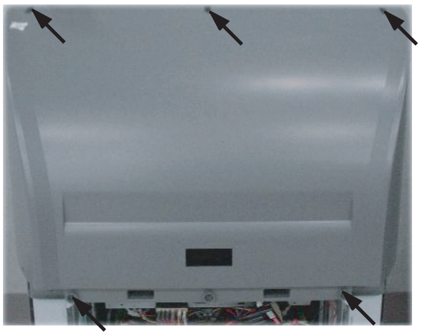
Repair the frontal PCB-CRT or replace it after removing the attached connectors.

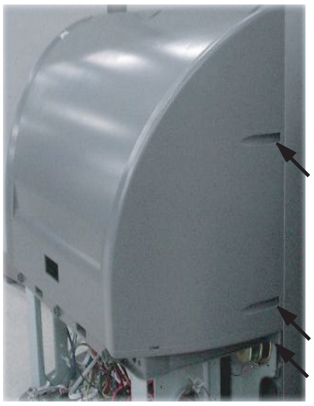


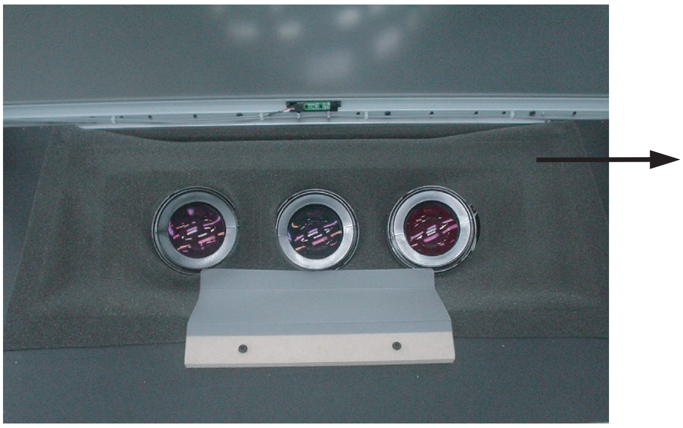
3-1-3 Replacing a Burnt or Exhausted CRT

The Back Cover is detached as illustrated below(refer to the Opening Back Cover).
Remove the screws indicated and detach the Top Cover.

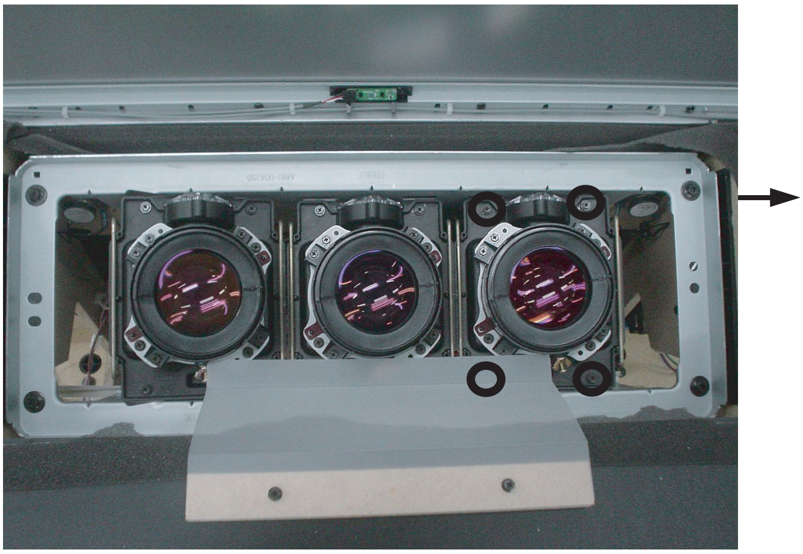








Remove the Dust Cover that prevents dust from entering into the screen.



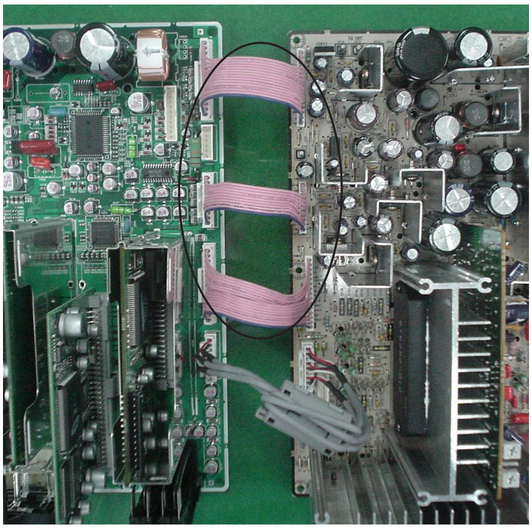
Before proceeding, disconnect all the DY and Connectors connected to the assembly.
Remove the 4 corner screws from the CRT and replace the CRT

3-2 Repairing Distorted Convergence

Check the output voltages and waveforms of CN801,CN802 and CN804 on the SUB Board

Normal

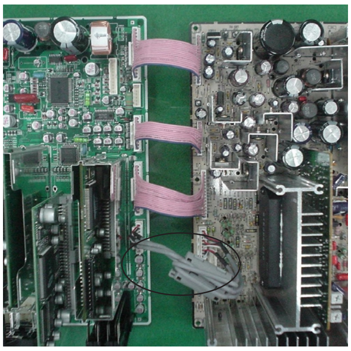
Abnormal



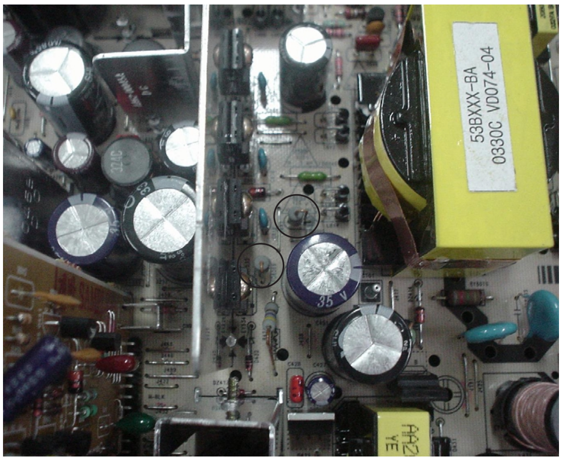
Check the output terminal of CNZ02 (BV,BH,RV,RH,GV,GH)

Abnormal

Normal

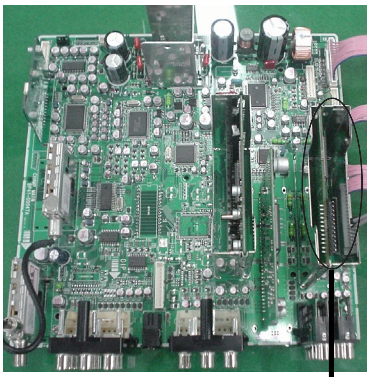


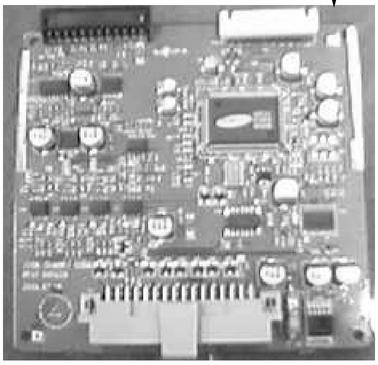
Check the FD805S and FD806S of the SUB Board


53BXXX-BA
0330C V0074-04

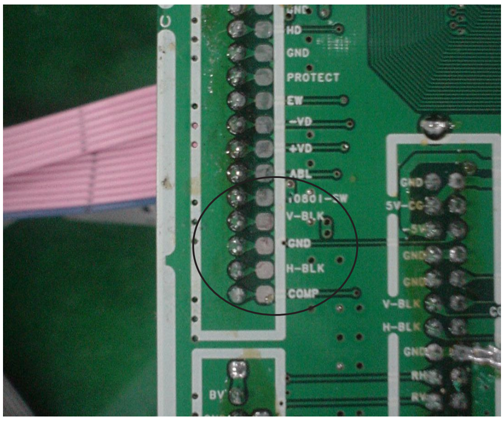
Check the respective circuits regarding the symptoms

Replace the Convergence Module

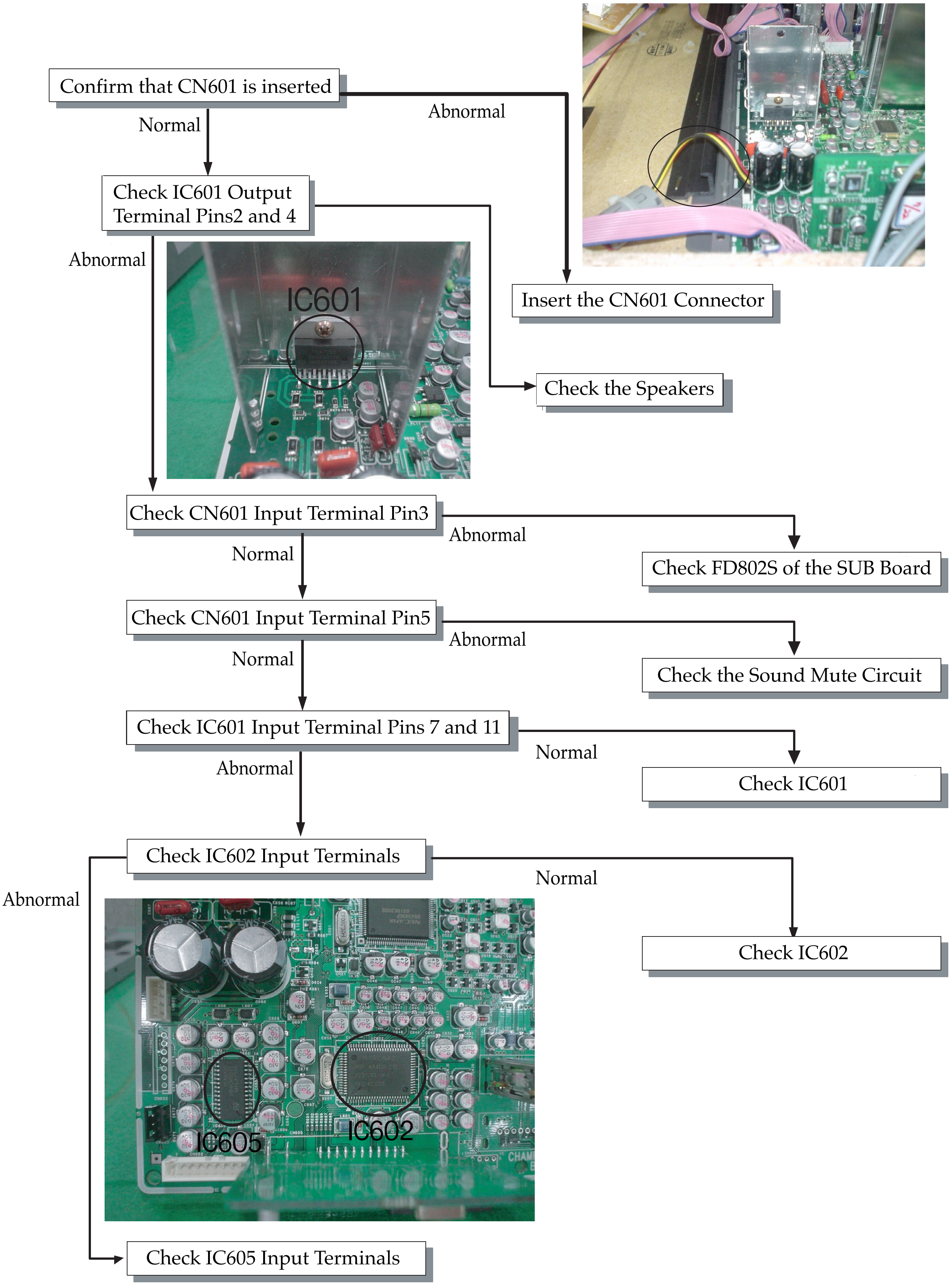




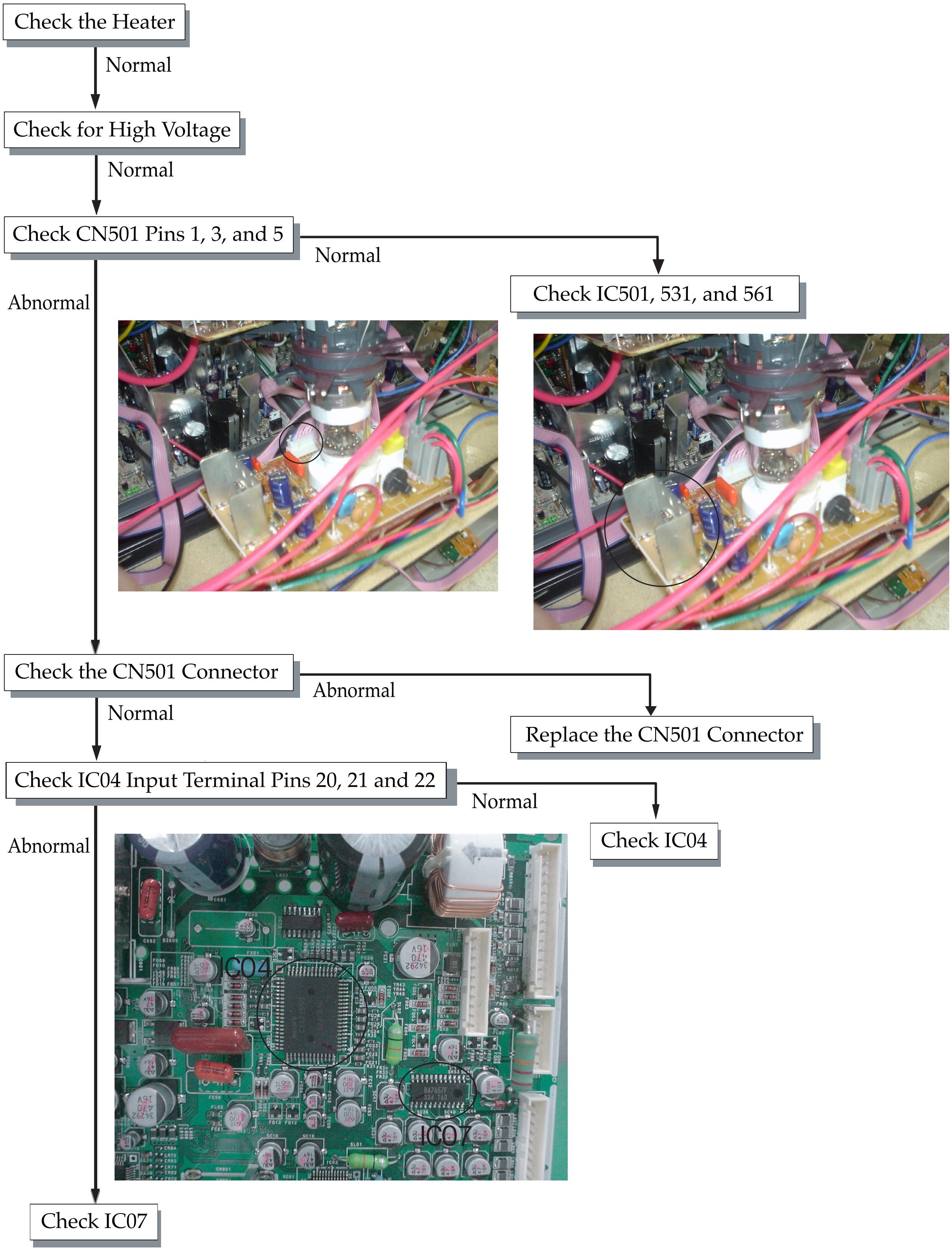
Check the out voltagees of H-BLK and V-BLK on the MAINBoard


HD
GND
PROTECT
EW
-VD
+VD
ABL
V-BLK
GND
H-BLK
COMP
V-BLK
H-BLK
GND
BV

3-3 Repairing No Sound


Confirm that CN601 is inserted
Normal
Abnormal
Insert the CN601 Connector
Check IC601 Output Terminal Pins2 and 4
Abnormal
IC601
Check the Speakers
Check CN601 Input Terminal Pin3
Abnormal
Check FD802S of the SUB Board
Normal
Check CN601 Input Terminal Pin5
Abnormal
Check the Sound Mute Circuit
Normal
Check IC601 Input Terminal Pins 7 and 11
Normal
Check IC601
Abnormal
Check IC602 Input Terminals
Normal
Check IC602
Abnormal
IC605
IC602
Check IC605 Input Terminals

3-4 Repairing No Video(with Normal Sound)


Check the Heater
Normal
Check for High Voltage
Normal
Check CN501 Pins 1, 3, and 5
Normal
Check IC501, 531, and 561
Abnormal
Check the CN501 Connector
Abnormal
Replace the CN501 Connector
Normal
Check IC04 Input Terminal Pins 20, 21 and 22
Normal
Check IC04
Abnormal
IC04
IC07
Check IC07

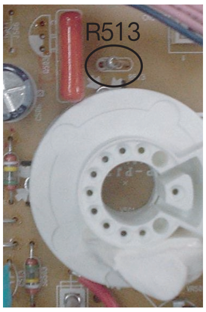
Check the Heater (Abnormal)

Replace R513, 543 and 573

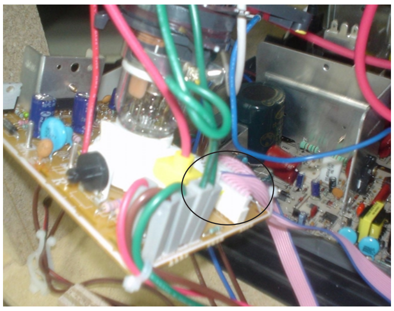
Abnormal

Replace R513, 543 and 573

Normal

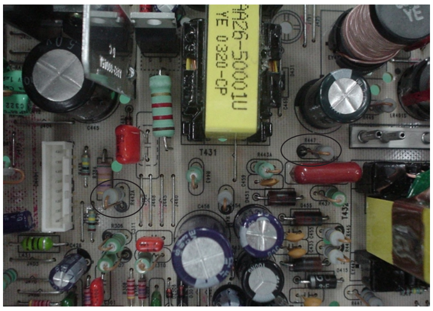


Check CN504 Pin 4 of the CRT-PCB

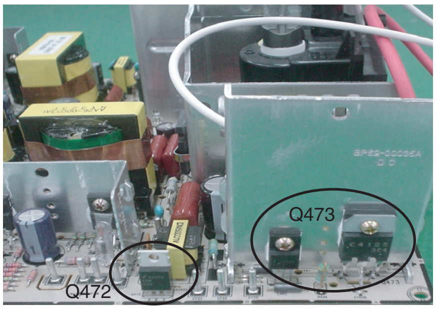


Abnormal

Check R447,R442A



Check Q473 HV REG



Abnormal

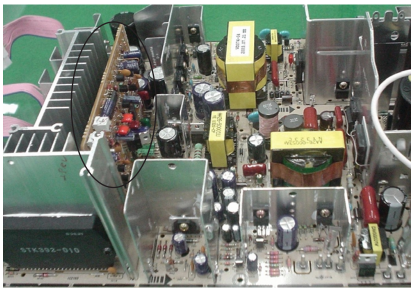
Check Q473

Check Q472 Input Terminal Pins (HV-DRIVER)

Abnormal

Check Q472

Replace HV-Module

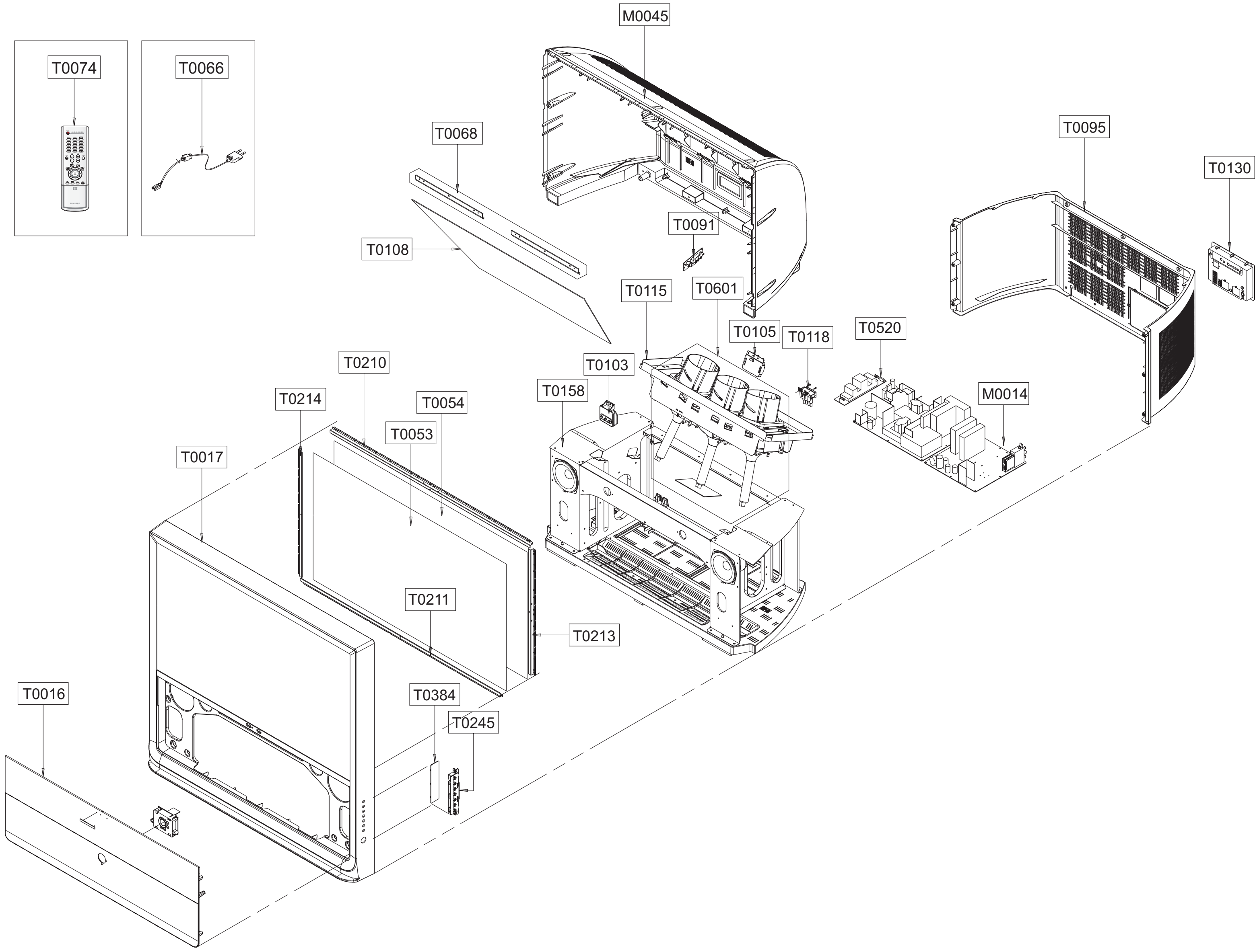


MEMO

4. Exploded View & Part List

4-1 HCP4752WX/XAA

Yon can search for the updated part code through ITSELF web site.
URL:http://itself.sec.samsung.co.kr



Loc.No.	Code No.	Description;Specification	Q'ty	S.N.A
M0014	BP94-00772A	ASSY PCB MAIN;HCP4252WX/XAA,P59A	1	
M0045	BP64-00411A	CABINET BACK-TOP;47Q2,HIPS,HB,GR503	1	
T0016	BP96-00556A	ASSY COVER P-FRONT BOT;47Q2,HIPS,V0,GRY,	1	
T0017	BP64-00409A	CABINET FRONT-MASK;47Q2,HIPS,HB,GR503,SV	1	
T0053	AA67-00196D	SCREEN FRESNEL;47W,MBS,1072*614,2	1	
T0054	BP67-00104D	SCREEN LENTI;47W,PMMA,1070*612,0.76	1	
T0066	AA96-00156D	ASSY POWER CORD;-,EP2/YES(US),H/C 200MM,	1	
T0068	BP61-00008A	BRACKET-MIRROR,ASSY;42W5,SECC,T1.0,AA61-	2	S.N.A
T0074	BP59-00058A	REMOCON;CHAMP-2,TM76A,47,PJT,EX,SAMSUNG,	1	
T0091	BP94-01214A	ASSY PCB MISC-A/V SIDE;HCP4752WX/XAA,P59	1	
T0095	BP64-00412A	CABINET BACK-BOTTOM;47Q2,HIPS,V0,GR503	1	
T0103	BP59-00045A	MODULE-FOCUS PACK ASS'Y;SVP-43W6HE,F301-	1	
T0105	BP94-01484A	ASSY PCB MISC-DY JACK;SVP-43H3HT,P61A	1	
T0108	BP67-00082B	MIRROR-BACK;SSM,GLASS,823*628*416,3,42Q2	1	
T0115	AA61-00475B	BRACKET-CRT,MAIN;54",SECC,T1.6,-,-,-,-	1	
T0118	AA26-00101A	TRANS FBT-H/V DISTRIBUTOR;FWZ50A001E/FFA	1	
T0130	BP96-00387E	ASSY COVER P-TERMINAL ANT;P59A,HIPS,VO,B	1	S.N.A
T0158	BP96-00557B	ASSY COVER P-MAIN;47Q2,P59A,MOLD+METAL	1	S.N.A
T0210	BP61-00659A	BRACKET-SCREEN TOP ASSY;47Q1,SECC,T1.0,S	1	S.N.A
T0211	BP61-00660A	BRACKET-SCREEN BOT ASSY;47Q1,SECC,T1.0,S	1	S.N.A
T0213	BP61-00661A	BRACKET-SCREEN R ASSY;47Q1,Q5,Q8,SECC,T1	1	S.N.A
T0214	BP61-00662A	BRACKET-SCREEN L ASSY;47Q1,Q5,Q8,SECC,T1	1	S.N.A
T0245	BP94-01142A	ASSY PCB MISC-KEY CONTROL;HCP5252,P59A	1	
T0384	BP94-02124A	ASSY PCB MISC-PWR CONTROL;SVP-42Q2HL,P60	1	
T0520	BP94-01392E	ASSY PCB MISC-LINE FILTER;CHAMP,BP94-010	1	S.N.A
T0601	BP91-01495A	ASSY PRT;HCP4752WX/XAA,J59A	1	S.N.A

Yon can search for the updated part code through ITSELF web site.
URL:http://itself.sec.samsung.co.kr

5. Electrical Part List

5-1 HCP4752WX/XAA

ASSY COVER FRONT

Level	Loc.No.	Code No.	Description;Specification	Remark
1	M0001	BP90-00229B	ASSY COVER FRONT;HCP4752WX/XAA,P59A	S.N.A
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	M0081	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	M0081	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	M0081	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	M0081	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	M0081	6003-001339	SCREW-TAPTITE;HH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
..2	T0118	AA26-00101A	TRANS FBT-H/V DISTRIBUTOR;FWZ50A001E/FFA	
..2	T0600	AA60-00072B	SPACER-COVER,DUST;43,54,62J9,SPONGE 94HF	
..2	T0052	AA67-00136B	SUN SCREEN;47W,PMMA,1072*614,2,AG	
..2	T0053	AA67-00196D	SCREEN FRESNEL;47W,MBS,1072*614,2	
..2	T0245	BP39-00009A	LEAD CONNECTOR-ASSY;P54A/SVP-42W5,UL2547	
..2	T0210	BP61-00659A	BRACKET-SCREEN TOP ASSY;47Q1,SECC,T1.0,S	S.N.A
...3	T0069	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	S.N.A
...3	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
...3	T0101	BP61-00496A	BRACKET-SCREEN TB;47Q1,SECC,T1.0,BLK	S.N.A
...3	M0114	BP61-00871B	HOLDER-WIRE;PJTV,POM,6,NATURAL	S.N.A
..2	T0211	BP61-00660A	BRACKET-SCREEN BOT ASSY;47Q1,SECC,T1.0,S	S.N.A
...3	T0069	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	S.N.A
...3	CIS1	AA65-00020A	CLAMPER CORE-WIRE;55W9,NYLON 66	S.N.A
...3	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
...3	T0101	BP61-00496A	BRACKET-SCREEN TB;47Q1,SECC,T1.0,BLK	S.N.A
...3	M0114	BP61-00871B	HOLDER-WIRE;PJTV,POM,6,NATURAL	S.N.A
..2	T0213	BP61-00661A	BRACKET-SCREEN R ASSY;47Q1,Q5,Q8,SECC,T1	S.N.A
...3	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
...3		BP61-00497A	BRACKET-SCREEN LR;47Q1,SECC,T1.0	S.N.A
...3	T0069	AA60-00091P	SPACER-FELT;,FELT,500X10,BLK,T0.5	S.N.A
...3	M0114	BP61-00871B	HOLDER-WIRE;PJTV,POM,6,NATURAL	S.N.A
..2	T0214	BP61-00662A	BRACKET-SCREEN L ASSY;47Q1,Q5,Q8,SECC,T1	S.N.A
...3	CIS1	AA65-00020A	CLAMPER CORE-WIRE;55W9,NYLON 66	S.N.A
...3	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
...3		BP61-00497A	BRACKET-SCREEN LR;47Q1,SECC,T1.0	S.N.A
...3	T0069	AA60-00091P	SPACER-FELT;,FELT,500X10,BLK,T0.5	S.N.A
...3	M0114	BP61-00871B	HOLDER-WIRE;PJTV,POM,6,NATURAL	S.N.A
..2	T0017	BP64-00409A	CABINET FRONT-MASK;47Q2,HIPS,HB,GR503,SV	
...3	T0382	BP61-00509C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W20.0mm	S.N.A
..2	T0054	BP67-00104D	SCREEN LENTI;47W,PMMA,1070*612,0.76	
..2	T0158	BP96-00557B	ASSY COVER P-MAIN;47Q2,P59A,MOLD+METAL	S.N.A
...3	T0082	3001-000279	SPEAKER;30W,8OHM,91DB,20HZ	
...3	T0082	3001-001107	SPEAKER;20W,8OHM,95DB,1300HZ	
...3	M0081	6003-001321	SCREW-TAPTITE;BH,+,B,M4,L8,ZPC(BLK),SWRC	
...3	M0081	6003-001321	SCREW-TAPTITE;BH,+,B,M4,L8,ZPC(BLK),SWRC	
...3	M0081	6003-001321	SCREW-TAPTITE;BH,+,B,M4,L8,ZPC(BLK),SWRC	
...3	B/S+C/B	6009-001420	SCREW-HEX;HEX,+,WC,M6,L20,ZPC(BLK),SWRCH	
...3	BCM+MAIN	6009-001420	SCREW-HEX;HEX,+,WC,M6,L20,ZPC(BLK),SWRCH	
...3	T0245	AA39-00086A	LEAD CONNECTOR-ASSY;,2.2UF,200MM,REC,REC	
...3	T0115	AA61-00475B	BRACKET-CRT,MAIN;54,SECC,T1.6,-,-,-,-	
...3	CIS1	AA65-00011C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3	CIS1	AA65-30105C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3	M2893	BP39-00130A	LEAD CONNECTOR;SVP-43W6,UL1007#22,4P,120	
...3	T0211	BP61-00453B	BRACKET-FRONT TOP;42Q2,SECC,T1.2,P59A	S.N.A
...3	M0014	BP61-00454A	BRACKET-BACK TOP;42Q2,SECC,T1.2	S.N.A
...3	T0524	BP61-00600A	BRACKET-SIDE L;47Q2,SECC,T1.2	S.N.A
...3	T0525	BP61-00601A	BRACKET-SIDE R;47Q2,SECC,T1.2	S.N.A
...3	T0002	BP64-00413A	CABINET-BOTTOM;47Q2,HIPS,V0,GR503	
...3	T0294	BP61-00741A	BRACKET-FOCUS;47Q7,SECC,T1.6	S.N.A
...3	T0069	AA60-00091V	SPACER-FELT;L5,L450,BLK,T0.5,W30	S.N.A
..2	HC+CW	6009-001296	SCREW-SPECIAL;BH,+,-,M4,L12(11),ZPC(BLK)	S.N.A
..2	T0016	BP96-00556A	ASSY COVER P-FRONT BOT;47Q2,HIPS,V0,GRY,	
...3	M0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	S.N.A
...3	M0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	S.N.A
...3	T0069	AA60-00091F	SPACER-FELT;-,FELT,150X10,-,-,BLK,T0.5,-	
...3	T0069	AA60-00091R	SPACER-FELT;,FELT,250X10,,,BLK,T0.5,,	S.N.A
...3	T0069	AA60-00091S	SPACER-FELT;61L2,FELT,30*10,BLK,T0.5	S.N.A
...3	T0299	AA61-01104A	HOLDER-LOCK;Z7,ABS,HB,BLK	S.N.A
...3	T0057	BP64-00177A	BADGE-BRAND;ALL,AL,T1.5,70,11.3,BLK,SILI	S.N.A
...3	T0023	BP64-00312A	KNOB POWER-ASSY;43T9,ABS,HB,GRY	S.N.A
....4	CIS7	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	S.N.A
....4	T0061	BP64-00125A	WINDOW-REMOCON;52Q7,PC,CLR	S.N.A
....4	T0071	BP64-00128B	INDICATOR-LED;47,52Q7,PC CLEAR,,,,,	S.N.A
....4	T0023	BP64-00326A	KNOB POWER;43T9,ABS,HB,BLK,SVM3012	S.N.A
....4		BP61-00441B	GUIDE-KNOB POWER;,HIPS HB,GR503	S.N.A
....4	CIS3	BP64-00331B	DECORATION-POWER;PJTV,ABS,HB,GR503,SVM30	S.N.A
...3	T0016	BP64-00410B	CABINET FRONT-BOTTOM;47Q2,HIPS,V0,GR503,	
...3	M0114	AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,-,NTR,DAFC-25	S.N.A
...3	T0382	BP61-00509C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W20.0mm	S.N.A
..2	T0600	BP60-00053A	SPACER-COVER DUST;47Q2,SPONGE,T3.0,94HF-	S.N.A
..2	T0382	BP61-00492C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W50.0mm	S.N.A
..2	T0415	BP96-00573B	ASSY COVER P-HOLDER PACK;PJTV,PP	S.N.A
...3	T0213	BP60-00052B	SPACER-BELLOWS;PJTV,PS,CLR,T0.3	S.N.A
...3	T0293	BP61-01064A	HOLDER-PACK;PJTV,PP,BLK	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
..2	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A

ASSY COVER REAR

Level	Loc.No.	Code No.	Description;Specification	Remark
1	M0002	BP90-00230B	ASSY COVER REAR;HCP4752WX/XAA,P59A	S.N.A
..2	T0068	BP61-00008A	BRACKET-MIRROR,ASSY;42W5,SECC,T1.0,AA61-	S.N.A
...3	T0505	AA61-01123A	BRACKET-MIRROR;42W5,SECC,T1.0	S.N.A
...3	T0278	BP60-00005A	SPACER-SPONGE;42W5,RUBBER-SPONGE,T3	S.N.A
..2	T0933	BP63-00148A	COVER-FOCUS HOLE;PJTV,HIPS,2.0,HB,GR503	S.N.A
..2	M0045	BP64-00411A	CABINET BACK-TOP;47Q2,HIPS,HB,GR503	
..2	T0095	BP64-00412A	CABINET BACK-BOTTOM;47Q2,HIPS,V0,GR503	
..2	T0130	BP96-00387E	ASSY COVER P-TERMINAL ANT;P59A,HIPS,VO,B	S.N.A
...3	T0071	BP64-00310D	INLAY-TERMINAL;P59A,PS,T0,5,BLK,SEA	S.N.A
...3	T0130	BP65-00008A	TERMINAL-BOARD ANT;P59A,P61A,HIPS V0,GRA	S.N.A
..2	T0578	BP64-00329C	INLAY AV;47Q2,PS,T0.3,P59A,SEA	S.N.A
..2	T0108	BP67-00082B	MIRROR-BACK;SSM,GLASS,823*628*416,3,42Q2	
..2	T0522	AA65-30008A	CLAMPER CORE-CORD;-,PE,HB,-,BLK,-	S.N.A
..2	M0114	BP61-00887A	HOLDER-WIRE;47Q2,NYLON66,DAFC-2000	S.N.A
..2	CIS7	AA64-60421B	INLAY-COVER;-,PS,T0.3,-,-,BLK,AAFES	S.N.A

ASSY CHASSIS

Level	Loc.No.	Code No.	Description;Specification	Remark
1	M0017	BP91-01248A	ASSY CHASSIS;HCP4752WX/XAA,P59A	S.N.A
..2	T0098	AA94-08268B	ASSY PCB MISC-VM;HCN559WX/XAA,P58A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	RZ120	2008-001097	R-FUSIBLE(S);33OHM,5%,1/2W,AC,BK,2.5X6.5	
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0079	AA33-00017A	MAGNET CONVERGENCE;JH 92LT - 29G,PJT-TV,	
...3	QZ102	AA96-00243L	ASSY HEAT SINK P;-,CRT,AA62-000450A,2SC2	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4		0502-000153	TR-POWER;2SC2344-D,NPN,1.2W,TO-220,-,60	
...3	QZ101	AA96-00243M	ASSY HEAT SINK P;-,AMP,AA62-000450A,2SA1	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4		0502-000131	TR-POWER;2SA1011-D,PNP,1.2W,TO-220,-,60	
...3		BP97-00504A	ASSY AUTO-VM;SP43T8HEX,J61A,VM,COMMANDO	S.N.A
....4	DZ102	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	DZ105	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	DZ106	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	DZ104	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	DZ103	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	DZ101	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	QZ103	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	QZ106	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	QZ105	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	QZ104	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	RZ122	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RZ109	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ102	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ101	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ108	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ118	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ117	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ107	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ116	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ119	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ121	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ115	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ110	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ104	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ106	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ105	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ114	2003-000458	R-METAL OXIDE(S);100ohm,5%,2W,AF,TP,4x12	
....4	RZ111	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m	
....4	RZ103	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m	
....4	RZ123	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
....4	RZ113	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
....4	RZ112	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM	
....4	RFZ101	2008-001086	R-FUSIBLE(S);3.3ohm,5%,2W,AG,TP,3.9x12mm	
....4	CZ106	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,	
....4	CZ104	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,	
....4	CZ110	2201-000604	C-CERAMIC,DISC;0.056NF,+100-0%,500V,SL,T	
....4	CZ111	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	CZ112	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	CZ102	2401-001157	C-AL;33uF,20%,160V,GP,TP,12.5x20,5	
....4	CZ108	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
....4	CZ109	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11.5,5	
....4	CZ107	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5	
....4	CZ101	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4	LZ101	2701-000002	INDUCTOR-AXIAL;100UH,10%,4298	
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
....4	PCB	AA41-00611A	PCB-VM;HCM4215W,FR-1,1L,A,1.6T,245X245,P	S.N.A
....4	CZ103	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
....4	CZ105	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
...3	M2893	BP39-00069B	LEAD CONNECTOR;P58A,UL1007#26,UL/CSA,6P,	
..2	M0014	BP94-00772A	ASSY PCB MAIN;HCP4252WX/XAA,P59A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	R814	2003-002161	R-METAL OXIDE(S);22KOHM,5%,3W,AG,TP,6X16	
...3	C681	2401-000737	C-AL;2200uF,20%,50V,GP,BK,18x35.5,7.5	
...3	C801	2401-001068	C-AL;3300uF,20%,50V,GP,BK,22x40,10	
...3	CN902	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI	
...3	CN902	3703-001187	CONNECTOR-BACK PANEL;64P,2R,FEMALE,STRAI	
...3	CN902	3710-001771	CONNECTOR-BACK PANEL;64P,2R,FEMALE,STRAI	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000616	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
...3	CN906	3711-000654	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	CN906	3711-001038	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
...3	CN906	3711-001154	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,STRAIGH	
...3	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
...3	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	

Level	Loc.No.	Code No.	Description;Specification	Remark
...3	CN906	3711-003240	CONNECTOR-HEADER;BOX,15P,1R,2.5mm,STRAIG	
...3	CN906	3711-003240	CONNECTOR-HEADER;BOX,15P,1R,2.5mm,STRAIG	
...3	JA703	3722-001163	JACK-VHS;4P,AU,BLK,ANGLE	
...3	JA701	3722-001426	JACK-PIN;9P,3.4mm,NI,BLK,-	
...3	JA704	3722-001795	JACK-PIN;10P(10P),-,NI,RD/WH/RD/BL/GN*2,	
...3	JA702	3722-001871	JACK-PIN;5P(9P),8.3MM,NI,GRN/BLU/RED/WHT	
...3	T0010	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
...3	L801	AA29-00004A	FILTER LINE NOISE;-,20UH,3A,AC80-260V,TQ	
...3	CIS3	AA40-00122A	TUNER;TMQH2-003A,C-TV TM(SUB),NTSC,181CH	
...3	CIS3	AA40-00122A	TUNER;TMQH2-003A,C-TV TM(SUB),NTSC,181CH	
...3	TU01	AA59-00164A	MODULE-RF,SPLITTER;-,UMX-NT-005,-,2IN/3O	
...3	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
...3		AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPTE,T0.5,-,-,	S.N.A
...3		AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPTE,T0.5,-,-,	S.N.A
...3	T0104	BP95-00207A	ASSY SUB PCB-MICOM;HCP4252WX/XAA,P60A	
....4	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....4	X901	2801-004071	CRYSTAL-UNIT;6MHZ,30PPM,28-AAM,20PF,40OH	
....4	CN902	3703-001175	CONNECTOR-BACK PANEL;64P,2R,MALE,ANGLE,A	
....4	T0174	BP97-00612A	ASSY SMD;P59A,CHAMP	S.N.A
.....5	D905	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D904	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D903	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D900	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D901	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D902	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	DZ906	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	DZ905	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	DZ900	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	DZ901	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	DZ902	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	DZ903	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
.....5	Q911	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q910	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q908	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q907	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q903	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q905	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q906	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q904	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q912	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	Q913	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	IC112	1103-001195	IC-EEPROM;24C64,8Kx8,SOP,P,5x4mm,2.7/5.5	
.....5	IC113	1105-001305	IC-DRAM;4S641632,1MX16X4BIT,TSOP,54P,400	
.....5	IC904	1203-001814	IC-VOL. DETECTOR;7025,SOT-89,4P,98MIL,PL	
.....5	T0087	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
.....5	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	
.....5	IC901	1204-002105	IC-DECODER;SDA6001-B12,MQFP,128P,28x28mm	
.....5	C949	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R939	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R887	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R969	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	
.....5	R977	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R963	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R962	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R956	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R955	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R949	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R996	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R994	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R992	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R986	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R985	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R981	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R947	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R924	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R923	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R922	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R921	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R911	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R910	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R946	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R945	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R944	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R926	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R928	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R929	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R925	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
.....5	R948	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R927	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R908	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R907	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R999	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
.....5	R958	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
.....5	R957	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
.....5	R978	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R976	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R975	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R974	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R998	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R993	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R991	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R982	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R973	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R917	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R913	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R906	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R905	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R972	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R971	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R970	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R933	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R932	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R934	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R979	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R961	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R943	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R942	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R968	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R988	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R909	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R914	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R915	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R916	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R930	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R936	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R987	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R965	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R964	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R953	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
.....5	R954	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
.....5	R904	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	R931	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	R967	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	
.....5	R966	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	
.....5	R901	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R902	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R951	2007-000643	R-CHIP;270ohm,5%,1/10W,TP,1608	
.....5	R997	2007-000857	R-CHIP;4.3Kohm,1%,1/10W,TP,1608	
.....5	C950	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	C930	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C929	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C928	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C927	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C931	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C932	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C947	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C953	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C926	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C901	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C902	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C908	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C918	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C925	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C923	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C922	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C921	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C939	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C938	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C937	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C941	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C942	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C944	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C946	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C911	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C913	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C915	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C917	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C936	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C934	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C933	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C924	2203-000405	C-CER,CHIP;0.18NF,5%,50V,C0G,TP,1608	
.....5	C952	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C951	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C904	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C903	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C920	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
.....5	C919	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
.....5	C948	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,-,1608	
.....5	C955	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C954	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C905	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C909	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	
.....5	C935	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C940	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C943	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C945	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C910	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C912	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C914	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	C916	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	PCB	BP41-00077A	PCB-MICOM;SVP-43W6,FR-4,4L,A,1.6T,100*95	S.N.A
.....5	R935	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
.....5	R899	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R898	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R983	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	R989	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	R912	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	
.....5	R984	2007-001157	R-CHIP;750ohm,5%,1/10W,TP,1608	
.....5	R903	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A
....4	M0018	BP97-00859A	ASSY MICOM;,P59A,M27V160,T-CHMNUS_1012,0	S.N.A
.....5	IC902	1102-001126	IC-EPROM;M27V160,2MX8BIT,DIP,42P,570MIL,	
...3	T0238	BP97-00556A	ASSY AUTO;HCP4252WX/XAA,P59A	S.N.A
....4	D606	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	DZ605	0403-000167	DIODE-ZENER;1N4758A,5%,1000MW,DO-41,TP	
....4	DZ801	0403-000700	DIODE-ZENER;TZP33A,5%,1000MW,DO-41,TP	
....4	C694	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5	
....4	C695	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5	
....4	FC58	2301-001664	C-FILM,LEAD-OTHER;100nF,3%,50V,TP,20x16x	
....4	FC28	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x	
....4	C682	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	C687	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	C689	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	FC59	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	C104	2401-000039	C-AL;1000uF,20%,16V,GP,TP,10x16,5	
....4	C686	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
....4	C688	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
....4	L705	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	L706	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	PL11	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	SL01	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	SL02	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	L101	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514	
....4	T0174	BP97-00625A	ASSY SMD;HCP4252WX/XAA,P59A	S.N.A
.....5	CD01	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D104	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D105	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D601	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D604	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	D925	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	FD01	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD02	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD07	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD08	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD09	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD10	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD13	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD14	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD15	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD16	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD17	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD18	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	FD19	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
.....5	DZ102	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ103	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ104	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ105	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ106	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ107	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ108	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ109	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ110	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ111	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ112	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ113	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ701	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ704	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ705	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ706	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	DZ707	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
.....5	C730	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ601	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ603	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ702	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ703	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ908	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ602	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	DZ604	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FD03	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FD04	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FD05	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FD06	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FD11	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
.....5	FQ07	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
.....5	IC104	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBATOR,SOP,1	
.....5	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	
.....5	IC106	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
.....5	IC106	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
.....5	IC106	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
.....5	IC605	1001-001178	IC-AUDIO SWITCH;TEA6422D,AUDIO SWITCH ,S	
.....5	IC06	1203-001211	IC-VOL. DETECTOR;7027,SOT-89,3P,-,PLASTI	
.....5	T0087	1203-001419	IC-POSI.FIXED REG.;4931,TO-252,3P,6.6x10	
.....5	IC102	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	
.....5	IC920	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	
.....5	T0087	1203-002186	IC-POSI.FIXED REG.;18,DPAK,3P,240MIL,PLA	
.....5	T0087	1203-002302	IC-POSI.FIXED REG.;78RM33D,D-PAK,3P,-,PL	
.....5	IC012	1203-002470	IC-POSI.ADJUST REG.;FAN1616AS25X,SOT-223	
.....5	IC02	1204-001814	IC-SELECTOR;CXA2151Q,QFP,48P,144MIL,PLAS	
.....5	IC117	1204-001935	IC-SEPARATOR;UPD64083GF,QFP,100P,14X20MM	
.....5	IC01A	1204-001938	IC-DECODER;VSP9407B-B11,MQFP,80P,14X14MM	
.....5	IC118	1204-001989	IC-VIDEO PROCESS;CXA2165Q,QFP,64P,20X14M	
.....5	IC602	1204-002179	IC-SOUND PROCESSOR;MSP4440G_QA_C12_500,P	
.....5	FR57	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
.....5	FR78	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
.....5	FR79	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
.....5	FR80	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
.....5	SR08	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
.....5	R812	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	
.....5	CR88	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER04	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER05	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER06	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER17	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER18	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER19	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER29	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	ER31	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	ER90	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	FR07	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	FR35	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	FR76	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	FR96	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R1020	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R1047	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R1080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R1098	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R119	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R129	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R191	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R195	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R196	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R620	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R621	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R622	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R644	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R645	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R650A	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R651A	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R706	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R708	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R712	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R729	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R794	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R795	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R967	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R994	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R995	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR09	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR22	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR76	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR77	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR78	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR79	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR80	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR91	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR92	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR93	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR95	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R701	2007-000073	R-CHIP;91ohm,5%,1/10W,TP,1608	
.....5	R702	2007-000073	R-CHIP;91ohm,5%,1/10W,TP,1608	
.....5	CR10	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR14	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR21	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR25	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR38	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR39	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR46	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR49	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR57	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR60	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER01	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER15	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER20	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER83	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	ER84	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR01	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR17	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR18	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR19	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR20	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR21	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR31	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR32	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR37	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR38	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR39	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR53	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR54	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	FR56	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR71	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR74	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR75	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR81	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	FR82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1016	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1017	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R102	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1022	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1023	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1024	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1025	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1026	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1027	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1029	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R103	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1030	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1031	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1032	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1034	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1035	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1036	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1037	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1038	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1044	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R107	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1073	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1076	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1077	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1078	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1079	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1091	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R1092	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R126	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R127	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R128	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R143	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R144	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R145	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R146	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R147	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R148	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R160	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R163	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R166	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R170	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R171	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R172	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R192	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R591	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R592	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R593	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R594	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R601	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R602	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R605	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R623	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R624	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R625	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R626	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R627	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R646	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R647	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R691	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R692	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R693	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R694	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R703	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R707	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R709	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R711	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R721	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R722	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R723	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R724	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R791	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R931	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R996	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R997	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR01	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR03	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR10	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR11	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR31	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR32	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR35	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR53	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR75	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR81	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR83	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR84	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR85	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	SR86	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	YR43	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	YR44	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	YR45	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	CR70	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
.....5	CR85	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
.....5	R730	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
.....5	CR08	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR09	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR13	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR19	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR20	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR24	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR75	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	FR66	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R113	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R114	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R115	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R116	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R117	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R118	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R150	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R154	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R157	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R168	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R169	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R181	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R664	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	SR21	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	SR74	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	CR43	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	CR50	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	CR53	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	CR54	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	CR61	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	CR71	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R1040	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R1041	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R1053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R603	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R628	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R629	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R630	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R631	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R632	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R633	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R634	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R635	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R638	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R639	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R640	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R641	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R642	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R643	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R648	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R649	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R650	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R651	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R652	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R653	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R728	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R796	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R797	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R798	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	FR40	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....5	SR07	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....5	FR72	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
.....5	FR62	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	FR73	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	R663	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	
.....5	CR76	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	ER91	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	ER92	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	FR44	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	FR45	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R607	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R780	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R935	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	CR06	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	CR18	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	CR45	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	CR56	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	FR41	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	FR42	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	CR41	2007-000088	R-CHIP;7.5Kohm,5%,1/10W,TP,1608	
.....5	CR52	2007-000088	R-CHIP;7.5Kohm,5%,1/10W,TP,1608	
.....5	FR09	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	FR60	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	PR01	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R200	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R201	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R202	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R203	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R608	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R667	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R668	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R880	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R882	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	FR58	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
.....5	R658	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
.....5	R687	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
.....5	CR40	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	CR51	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R149	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R151	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R152	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R153	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R155	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R156	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R158	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R159	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R161	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R162	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R164	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R165	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R175	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R176	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R177	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R178	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R179	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R180	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	R670	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	
.....5	CR72	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	FR77	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	PR02	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R611	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R704	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R716	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....5	R105	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608	
.....5	R1075	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	CR87	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	
.....5	FR83	2007-000104	R-CHIP;150Kohm,5%,1/10W,TP,1608	
.....5	CR74	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	
.....5	FR68	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	
.....5	FR69	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	
.....5	CR12	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
.....5	CR23	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
.....5	FR63	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	
.....5	CR03	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR17	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR44	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR47	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR55	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR58	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	
.....5	CR02	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	CR16	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	CR73	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	FR46	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	FR47	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	FR70	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....5	R662	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	
.....5	CR11	2007-000208	R-CHIP;1.1Kohm,1%,1/10W,TP,1608	
.....5	CR22	2007-000208	R-CHIP;1.1Kohm,1%,1/10W,TP,1608	
.....5	R998	2007-000234	R-CHIP;1.3Kohm,5%,1/10W,TP,1608	
.....5	SR73	2007-000259	R-CHIP;1.6Kohm,5%,1/10W,TP,1608	
.....5	R665	2007-000279	R-CHIP;100Kohm,1%,1/4W,TP,3216	
.....5	FR22	2007-000299	R-CHIP;10Kohm,1%,1/4W,TP,3216	
.....5	CR01	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	CR15	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	CR42	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	SR23	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	SR25	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	SR26	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R675	2007-000467	R-CHIP;1Kohm,1%,1/4W,TP,3216	
.....5	R676	2007-000467	R-CHIP;1Kohm,1%,1/4W,TP,3216	
.....5	FR36	2007-000691	R-CHIP;3.3Mohm,5%,1/10W,TP,1608	
.....5	CR86	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608	
.....5	R104	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	
.....5	R109	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	
.....5	R937	2007-000857	R-CHIP;4.3Kohm,1%,1/10W,TP,1608	
.....5	FR43	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....5	R661	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....5	R1015	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	
.....5	FR10	2007-001029	R-CHIP;560ohm,1%,1/4W,TP,3216	
.....5	FR12	2007-001029	R-CHIP;560ohm,1%,1/4W,TP,3216	
.....5	FR14	2007-001029	R-CHIP;560ohm,1%,1/4W,TP,3216	
.....5	ER08	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	
.....5	CR59	2007-001093	R-CHIP;620ohm,5%,1/10W,TP,1608	
.....5	R731	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	
.....5	CR48	2007-001157	R-CHIP;750ohm,5%,1/10W,TP,1608	
.....5	ER03	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER09	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER10	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER11	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER12	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER14	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER21	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER22	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R1081	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R1082	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R1083	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R1084	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R130	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R131	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R132	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R133	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R134	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R135	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R136	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R137	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R138	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R139	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R140	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R141	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R142	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R173	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R174	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R606	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R609	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R610	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R612	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R710	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R713	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R714	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R715	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R725	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R726	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R727	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R799	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR36	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR37	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR38	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR39	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR40	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R674	2007-001212	R-CHIP;82Kohm,5%,1/4W,TP,3216	
.....5	R677	2007-001212	R-CHIP;82Kohm,5%,1/4W,TP,3216	
.....5	R681	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	
.....5	R682	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	
.....5	R673	2007-008727	R-CHIP;1.8K,5%,1/2W,TP,5025	
.....5	R678	2007-008727	R-CHIP;1.8K,5%,1/2W,TP,5025	
.....5	R679	2007-008727	R-CHIP;1.8K,5%,1/2W,TP,5025	
.....5	R680	2007-008727	R-CHIP;1.8K,5%,1/2W,TP,5025	
.....5	CC03	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC14	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC15	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC20	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC21	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC22	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC24	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC26	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC27	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC28	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC29	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC30	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC31	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC32	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC33	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC34	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC41	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC44	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	CC48	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC01	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC02	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC03	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC04	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC12	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC13	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC17	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC25	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC61	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC62	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC65	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC66	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC67	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC68	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC69	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	EC70	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC03	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC10	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC11	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC21	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC22	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC23	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC24	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC25	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC26	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC30	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC32	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC41	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC42	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC43	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC44	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC55	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC61	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FC64	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC02	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC04	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC05	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC11	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC13	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC14	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC15	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC16	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC20	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC21	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC23	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC27	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC29	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	PC31	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC12	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC15	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC17	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC19	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC48	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SC58	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	C151	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C600	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C602	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C634	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C641	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C651	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C657	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C705	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C707	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C721	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C722	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C802	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C803	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C804	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C805	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C806	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C807	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C808	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C809	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C810	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C811	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	FC52	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	FC53	2203-000206	C-CER,CHIP;100nF,10%,50V,X7R,2012	
.....5	C114	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C115	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C116	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C118	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C119	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C120	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C121	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C126	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C127	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C128	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C129	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C130	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C131	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C140	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C141	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C142	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C143	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C145	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C146	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C677	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C678	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C81	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C954	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C110	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C148	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	FC54	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	PC17	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC13	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC33	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	SC35	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC37	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC39	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC41	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	SC43	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	CC01	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	CC04	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C735	2203-000384	C-CER,CHIP;0.015NF,5%,50V,C0G,TP,1608	
.....5	C736	2203-000384	C-CER,CHIP;0.015NF,5%,50V,C0G,TP,1608	
.....5	FC01	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	FC02	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	FC57	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	SC57	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	FC07	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
.....5	SC56	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-	
.....5	EC09	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	
.....5	EC10	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	
.....5	EC11	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	
.....5	FC47	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	
.....5	FC67	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	
.....5	CC35	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	
.....5	CC36	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	
.....5	EC63	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	
.....5	EC64	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	
.....5	C731	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	
.....5	EC36	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	
.....5	EC37	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	
.....5	C152	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
.....5	EC27	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	
.....5	EC28	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	
.....5	EC29	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	
.....5	EC40	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	
.....5	C654	2203-000872	C-CER,CHIP;0.003NF,0.25PF,50V,C0G,TP,160	
.....5	C663	2203-000872	C-CER,CHIP;0.003NF,0.25PF,50V,C0G,TP,160	
.....5	FC49	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1608	
.....5	C150	2203-000925	C-CER,CHIP;470NF,+80-20%,50V,Y5V,TP,2012	
.....5	CC38	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC07	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC14	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC16	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC18	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC19	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC20	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC21	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC22	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC23	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	EC24	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	SC45	2203-000998	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1608	
.....5	SC46	2203-000998	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1608	
.....5	SC49	2203-000998	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1608	
.....5	SC50	2203-000998	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,1608	
.....5	CC17	2203-001034	C-CER,CHIP;5.6nF,10%,50V,X7R,TP,1608,-	
.....5	CC42	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	
.....5	C655	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C658	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C659	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	FC50	2203-001140	C-CER,CHIP;68nF,10%,16V,X7R,TP,1608	
.....5	C605	2203-001211	C-CER,CHIP;8.2nF,10%,50V,X7R,TP,1608	
.....5	C606	2203-001211	C-CER,CHIP;8.2nF,10%,50V,X7R,TP,1608	
.....5	C635	2203-001211	C-CER,CHIP;8.2nF,10%,50V,X7R,TP,1608	
.....5	C636	2203-001211	C-CER,CHIP;8.2nF,10%,50V,X7R,TP,1608	
.....5	CC37	2203-001222	C-CER,CHIP;0.82NF,10%,50V,X7R,TP,1608	
.....5	SC32	2203-001222	C-CER,CHIP;0.82NF,10%,50V,X7R,TP,1608	
.....5	C601	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C610	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C611	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C612	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C613	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C614	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C710	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C711	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C712	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C713	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C714	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C715	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	
.....5	C955	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	FC08	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	FC27	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	FC46	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC01	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC05	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC06	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC07	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC08	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC09	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC10	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC20	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC21	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC22	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC23	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC24	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC25	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC26	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC59	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC60	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC61	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC62	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC63	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	SC64	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	
.....5	C603	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C607	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C701	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C702	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C703	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C704	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C708	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	C709	2203-005590	C-CER,CHIP;330NF,10%,16V,X7R,TP,2012	
.....5	SC14	2203-005809	C-CER,CHIP;1000nF,10%,16V,X7R,TP,2012(T1	
.....5	C153	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.4	
.....5	C11	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C13	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C157	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C158	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C631	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C632	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C633	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C652	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C653	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C656	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C664	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C665	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C666	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C667	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C668	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C669	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C670	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C671	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C672	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C673	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C674	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C675	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C676	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C679	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C680	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
.....5	C122	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C123	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C124	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C125	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C132	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C133	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C134	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C135	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C136	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C137	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C138	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C139	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C154	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C155	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C156	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C627	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C628	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C629	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C630	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C639	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	C640	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
.....5	C685	2402-000147	C-AL,SMD;33uF,20%,25V,-,TP,6.3x5.2,-	
.....5	C113	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
.....5	C149	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
.....5	CC12	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
.....5	CC18	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
.....5	FC09	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
.....5	FC13	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.4	
.....5	FC29	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.4	
.....5	FC60	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.4	
.....5	PC18	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.4	
.....5	CC16	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	CC23	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	CC25	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	FC06	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	FC65	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	PC09	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	PC10	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	PC12	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C608	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C720	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC02	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC11	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC13	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC40	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC46	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CC47	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC01	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC03	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC06	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC24	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC32	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC31	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC34	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC36	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC38	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC40	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC42	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC44	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	SC47	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC48A	2402-001018	C-AL,SMD;470nF,20%,50V,GP,TP,4.3x4.3x5.	
.....5	C690	2402-001034	C-AL,SMD;22UF,20%,35V,GP,TP,6.6X6.6X5.4	
.....5	CC45	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC04	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC12	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC45	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC62	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	FC63	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC19	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC22	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC28	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	PC30	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C102	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
.....5	C111	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
.....5	FC31	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
.....5	PC07	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
.....5	PC08	2402-001070	C-AL,SMD;470uF,20%,16V,GP,TP,10x10.2,-	
.....5	C103	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10	
.....5	SC11	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	
.....5	SC16	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	
.....5	SC18	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	
.....5	C642	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C643	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C644	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C645	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C646	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C647	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C648	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C649	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C650	2402-001140	C-AL,SMD;4.7UF,-,50V,GP,TP,4.3X4.3X5.3MM	
.....5	C144	2402-001145	C-AL,CHIP;47UF,20%,50V,GP,TP,6.3X7.7MM	
.....5	C662	2402-001145	C-AL,CHIP;47UF,20%,50V,GP,TP,6.3X7.7MM	
.....5	C706	2402-001145	C-AL,CHIP;47UF,20%,50V,GP,TP,6.3X7.7MM	
.....5	C831	2402-001145	C-AL,CHIP;47UF,20%,50V,GP,TP,6.3X7.7MM	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	
.....5	T0052	2703-000389	INDUCTOR-SMD;5.6uH,5%,3225	
.....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532	
.....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532	
.....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532	
.....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532	
.....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-001070	INDUCTOR-SMD;100uH,10%,4532	
.....5	T0052	2703-001070	INDUCTOR-SMD;100uH,10%,4532	
.....5	CX01	2801-003755	CRYSTAL-SMD;20MHZ,30PPM,SMD,20PF,50OHM,T	
.....5	X700	2801-003948	CRYSTAL-SMD;12MHz,30ppm,28-AAN,12pF,60oh	
.....5	EX1	2801-004004	CRYSTAL-SMD;20.25MHz,20ppm,28-AAN,13pF,2	
.....5	X601	2801-004300	CRYSTAL-SMD;18.432MHz,30ppm,28-ABX,13pF,	
.....5	F105	2909-001051	FILTER-LC;6MHz,6MHz,0.8dB,TP,5dB/6MHz,30	
.....5	F105	2909-001051	FILTER-LC;6MHz,6MHz,0.8dB,TP,5dB/6MHz,30	
.....5	F105	2909-001051	FILTER-LC;6MHz,6MHz,0.8dB,TP,5dB/6MHz,30	
.....5	F105	2909-001051	FILTER-LC;6MHz,6MHz,0.8dB,TP,5dB/6MHz,30	
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001186	BEAD-SMD;600ohm,3216,2500mA,TP,553ohm/93	S.N.A
.....5	T0568	3301-001186	BEAD-SMD;600ohm,3216,2500mA,TP,553ohm/93	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
.....5	T0010	BN27-00010A	COIL CHOKE;-,NK17NS,100UH,10%,-,0.7§Ù MA	
.....5	T0119	MD09-00137A	IC MICOM;P-PCFM-012,P-PCFM-012,32,5V,12M	
.....5	R811	2007-000131	R-CHIP;91Kohm,5%,1/10W,TP,1608	
.....5	T0077	BP41-00047B	PCB MAIN;SVP-43W6,FR-4,4L,B,1.6T,245*245	S.N.A
.....5	C684	2402-001157	C-AL,SMD;0.33UF,20%,50V,GP,TP,4X5.2MM	
.....5	C683	2402-001238	C-AL,SMD;1UF,20%,50V,HR,TP,4.3X4.3X5.2MM	
.....5		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A
.....5	CQ03	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ05	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ07	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ10	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ12	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ15	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ18	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ20	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	FQ05	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	FQ06	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	FQ08	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	FQ09	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	FQ12	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	PQ01	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q101	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q102	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q103	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q104	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q105	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q106	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q107	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q108	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q109	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q112	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q113	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q17	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q18	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q19	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q601	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q602	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q703	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q704	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q707	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q708	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q710	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	Q930	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
.....5	CQ01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ04	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ06	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ08	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ13	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ14	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ16	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ17	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ19	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	CQ21	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	FQ02	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	FQ03	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	FQ04	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	FQ13	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	SQ01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
....4	T0122	2802-001177	RESONATOR-CERAMIC;2.696MHZ,0.4%,BK,10X4.	
...3		BP63-00292A	SHIELD-TOP;Champ,SPTE,T0.5	S.N.A
...3	T0063	BP63-00293A	SHIELD-BOTTOM;Champ,AL,T1.0	S.N.A
...3	T0562	BP95-00390A	ASSY SUB PCB-HDMI;,J59A,CHAMP	
....4	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
....4	CN02	3722-002180	JACK-PIN;2P(3P),AU,WHT/RED,ANGLE	
....4	T0174	BP97-00453S	ASSY SMD;HCP4752WX/XAA,J59A	S.N.A
.....5	D01	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D02	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D03	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D04	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D05	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D06	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D07	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D08	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D09	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D10	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D11	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D12	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D13	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	D14	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200MA,SO	
.....5	IC112	1103-000129	IC-EEPROM;24C02,256x8,SOP,8P,5x4mm,4.5/5	
.....5	IC201	1205-002383	IC-RECEIVER;SII9993CT100,TQFP,100P,14x14	
.....5	DR30	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	DR31	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	DR32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R02	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R04	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R05	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R06	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R152	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R45	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R56	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R57	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R58	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R601	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R603	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R606	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R607	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R610	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R64	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R69	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R70	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R80	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R803	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R804	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R900	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R901	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SR102	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SWR14	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	SWR15	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R08	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R09	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R13	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R15	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R158	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R159	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R101	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R160	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R161	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R162	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R19	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R20	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R21	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R23	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R24	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R25	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R802	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R809	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R154	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R155	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R156	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R157	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R200	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R201	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R116	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
.....5	R36	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	
.....5	R31	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	
.....5	R01	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	
.....5	R46	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R47	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R48	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R49	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R50	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R51	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R52	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R53	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R54	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R55	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R59	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R60	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R62	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R63	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R65	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R66	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R67	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R68	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R61	2007-000465	R-CHIP;1Kohm,1%,1/8W,TP,2012	
.....5	R38	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
.....5	R39	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
.....5	RS09	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RS28	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RS29	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RS30	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RS31	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RS32	2011-000002	R-NET;22OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	C89	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	ZC10	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	ZC12	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	C36	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C37	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608	
.....5	C19	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C20	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C21	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C22	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C23	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C24	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C25	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C26	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C27	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C28	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C29	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C30	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C32	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C33	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C34	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C35	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C50	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C54	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C55	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	
.....5	C901	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C90	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
.....5	C91	2203-000815	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,1608	
.....5	C14	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	
.....5	C31	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C77	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C78	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C79	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C902	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C903	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C904	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C905	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C906	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C93	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C94	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608,-	
.....5	C15	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	
.....5	C08	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C09	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C10	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C11	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C12	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C13	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C92	2402-001150	C-AL,SMD;47UF,20%,16V,-,TP,6.3X5.8MM	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	
.....5	X12	2801-003773	CRYSTAL-SMD;12MHZ,30PPM,28-AAN,20PF,50OH	
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A
.....5	OO	BP41-00054B	PCB-HDMI;HCP4252W,FR-4,4L,A,1.6T,120*170	S.N.A
.....5	T0087	1203-001359	IC-POSI.FIXED REG.;1086,TO-263,3P,15.8MM	
.....5	R40	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
.....5	R41	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
.....5	R42	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	
.....5	ZC09	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	ZC11	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	CN03	3701-001293	CONNECTOR-DSUB;19P,2R,FEMALE,SMD-A,AU	
.....5	M0018	BP97-00761A	ASSY MICOM;HCP4363,P61A,S3P863A,P-CHMNUS	
......6	IC520	0903-001323	IC-MICROCONTROLLER;S3P863A-OTP-PLCC,384B	S.N.A
.....5		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
.....5	Q409	0505-001905	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
....4	CN902	3703-001175	CONNECTOR-BACK PANEL;64P,2R,MALE,ANGLE,A	
...3	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0122	2802-001179	RESONATOR-CERAMIC;4MHZ,0.5%,BK,8X3X5.5MM	
...3	IC601	BP96-00712A	ASSY HEAT SINK P;BP62-00063A,SCREW,TDA72	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	BP62-00063A	HEAT SINK-PS;CHAMP,A1050S,T2.0,42,100,WH	S.N.A
....4	T0124	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	
...3	T0286	BP95-00175A	ASSY SUB PCB-CG MOD;SP43Q5HL1X/XEC,J60B	
....4	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....4	L01	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....4	CN906	3711-003601	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,ANGLE,	
....4		BP97-00914A	ASSY SMD-CG;SP43Q5HL1X/XEC,J60B	S.N.A
.....5	D01	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D02	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D03	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D04	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D05	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D06	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D07	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D08	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D09	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
.....5	D13	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	D14	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	D16	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	D17	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	D18	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	D19	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323	
.....5	DZ01	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ02	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	DZ03	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
.....5	IC104	0801-002404	IC-CMOS LOGIC;74VHC4066,ANALOG SWITCH,SO	
.....5	IC104	0801-002449	IC-CMOS LOGIC;74LVX4245,BUS TRANSCEIVER,	
.....5	IC07	1001-001211	IC-ANALOG MULTIPLEX;MM74HC4052MTC,DUALMU	
.....5	IC15	1001-001211	IC-ANALOG MULTIPLEX;MM74HC4052MTC,DUALMU	
.....5	DU410	1201-001135	IC-OP AMP;324,SOP,ST,14P,150MIL,QUAD,100	
.....5	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
.....5	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
.....5	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
.....5	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST	
.....5	T0074	1201-001520	IC-VIDEO AMP;EL2250CS,SOIC,8P,150MIL,DUA	
.....5	IC04	1203-001212	IC-VOL. DETECTOR;7029,SOT-89,3P,-,PLASTI	
.....5	IC062	1203-003172	IC-MULTI REG.;SI-3006KWM,DPAK,5P,6.6X6.1	
.....5	R152	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
.....5	R32	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
.....5	R33	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
.....5	R39	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
.....5	R40	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
.....5	R69	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	
.....5	R02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R06	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R134	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R135	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R136	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R137	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R139	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R140	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R141	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R144	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R145	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R15	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R154	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R21	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R22	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R28	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R30	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R46	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R52	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R58	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R64	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R70	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R76	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R88	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....5	R23	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
.....5	R150	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R24	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R25	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....5	R03	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R120	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R124	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R125	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R128	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R129	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R132	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R133	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R34	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R35	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R36	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R37	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R41	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R43	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R44	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R49	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R51	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R55	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R57	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R61	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R63	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R67	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R68	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R73	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R75	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R79	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R81	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R85	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R87	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R91	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....5	R29	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....5	R31	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....5	R74	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	R80	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	R86	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....5	R01	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R09	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R148	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R151	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R47	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R53	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R54	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R59	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R60	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R65	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R66	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R71	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R72	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R77	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R78	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R83	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R84	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R89	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R90	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....5	R92	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....5	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R115	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R116	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R122	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R123	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R126	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R127	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R130	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R17	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R18	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R19	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R20	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....5	R38	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
.....5	R45	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	
.....5	R04	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	
.....5	R138	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	
.....5	R05	2007-000381	R-CHIP;13Kohm,5%,1/10W,TP,1608	
.....5	R50	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	
.....5	R56	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	
.....5	R62	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	
.....5	R142	2007-000691	R-CHIP;3.3Mohm,5%,1/10W,TP,1608	
.....5	R110	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608	
.....5	R111	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608	
.....5	R112	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608	
.....5	R07	2007-001056	R-CHIP;6.2Kohm,5%,1/10W,TP,1608	
.....5	RN01	2011-000817	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP	
.....5	RN02	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	RN03	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	
.....5	C52	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C56	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C60	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C64	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C69	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C73	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C77	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C81	2203-000041	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,1608	
.....5	C02	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C04	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C06	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C08	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C10	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C105	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C107	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C12	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C13	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C14	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C15	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C16	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C18	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C19	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C21	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C22	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C23	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C25	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C26	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C27	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C29	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C30	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C31	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C32	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C34	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C37	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C38	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C39	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C41	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C42	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C43	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C44	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C45	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C47	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C49	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C53	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C57	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C61	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	

Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	C65	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C66	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C70	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C74	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C78	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C82	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C83	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C84	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C98	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C99	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....5	C90	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C92	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C94	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C96	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....5	C50	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C54	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C58	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C62	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C67	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C71	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C75	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C79	2203-000357	C-CER,CHIP;0.15NF,5%,50V,C0G,TP,1608	
.....5	C09	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....5	C89	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....5	C91	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....5	C93	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....5	C95	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....5	C51	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C55	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C59	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C63	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C68	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C72	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C76	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C80	2203-001071	C-CER,CHIP;0.056NF,5%,50V,C0G,TP,1608	
.....5	C85	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....5	C86	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....5	C87	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....5	C88	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....5	C28	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C33	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C35	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
.....5	C01	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C03	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C05	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C07	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C106	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C17	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C24	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C40	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C46	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C48	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	C97	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....5	OSC01	2804-001594	OSCILLATOR-CLOCK;6MHz,100ppm,15pF,SMD,3.	
.....5	IC125	AA13-00110A	IC ASIC;SDC31,SDC31,128,+1.8V,+3.3V,-0to	
.....5	0	BP41-00197B	PCB-CONVERGENCE;SVP-42W5,CEM-3,2L,1.6T,2	S.N.A
.....5		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A
.....5	Q06	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	
.....5	Q01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....4	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
..2	T0101	BP94-00967A	ASSY PCB MISC-SENSOR;BP94-00134E,SENSOR	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	CN906	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-	
...3	T0211	BP97-00456E	ASSY SMD-SENSOR;SENSOR,ALL	S.N.A
....4	R03	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
....4	R02	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	
....4	R01	2007-000305	R-CHIP;10Mohm,5%,1/10W,TP,1608	
....4		AA41-00853B	PCB SENSOR;SENSOR,FR-4,2,1.6T,245*245,10	S.N.A
....4	D01	BP32-00001A	SENSOR PHOTO;BCS5030G1,-40 TO +85,0.42 U	
....4		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A
....4	Q01	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	
..2	T0091	BP94-01214A	ASSY PCB MISC-A/V SIDE;HCP4752WX/XAA,P59	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	CN906	3711-000643	CONNECTOR-HEADER;BOX,12P,1R,2.5MM,ANGLE,	
...3	JK101	3722-000544	JACK-VHS;4P,11.5mm,AG,BLK,N	
...3	JK102	3722-001164	JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22	
...3	T0238	BP97-00692A	ASSY AUTO;HCP4752WX/XAA,P59A	S.N.A
....4	PCB	BP41-00112A	PCB SUB-A/V RONT;SP43T9HRX/XTT,J57A,TV-T	S.N.A
...3	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
...3	M2893	BP39-00060B	LEAD CONNECTOR;P58A,UL2547#26,UL/CSA,12P	
..2	T0384	BP94-02124A	ASSY PCB MISC-PWR CONTROL;SVP-42Q2HL,P60	
...3	LEDY01	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM	
...3	D0254	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES	
...3		BP97-00568A	ASSY AUTO-PWR CONTROL;SVP-42Q2HL,P60A	S.N.A
....4	DZY01	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO	
....4	DZY02	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO	
....4	DZY03	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO	
....4	RY07	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RY01	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RY09	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RY08	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	CY01	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
....4	LY01	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534	
....4	SWY01	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	PCB	BP41-00113A	PCB SUB-PWR CONTROL;SVP-43W6HE,P59A	S.N.A
....4	QY01	0504-001061	TR-DIGITAL;KRC111M,NPN,400mW,10K,TO-92M,	
....4	QY02	0504-001061	TR-DIGITAL;KRC111M,NPN,400mW,10K,TO-92M,	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	CN906	3711-001075	CONNECTOR-HEADER;BOX,7P,1R,2.50mm,ANGLE,	
..2	T0065	BP94-00731A	ASSY PCB CRT;HCP4252,P59A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	V501	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
...3	V531	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
...3	V561	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG	
...3	CN906	3711-001084	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
...3	CN510	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK	
...3	CN550	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK	
...3	CN580	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK	
...3	T0245	AA39-00198A	LEAD CONNECTOR-ASSY;,3P,900/600MM,YFH800	
...3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;,1P,400,YFH800-01,S,	
...3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;,1P,400,YFH800-01,S,	
...3	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
...3	IC501	AA96-50311L	ASSY HEAT SINK P;-,AMP,AA62-30175D ,TDA	S.N.A
...3	IC531	AA96-50311L	ASSY HEAT SINK P;-,AMP,AA62-30175D ,TDA	S.N.A
...3	IC561	AA96-50311L	ASSY HEAT SINK P;-,AMP,AA62-30175D ,TDA	S.N.A
....4	M0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-30175D	HEAT SINK-PS;-,SECC,T1.0,-,33X15X30 FT-2	S.N.A
....4	T0074	1201-001131	IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS	
...3	M2893	BP39-00053A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1007#26,	
...3	M2893	BP39-00053A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1007#26,	
...3	M2893	BP39-00053B	LEAD CONNECTOR;CHAMP,UL1007#26,UL/CSA,10	
...3	M2893	BP39-00055C	LEAD CONNECTOR;SVP-61L2HD,UL1007#26,UL/C	
...3	T0103	BP59-00045A	MODULE-FOCUS PACK ASS'Y;SVP-43W6HE,F301-	
...3	T0238	BP97-00732A	ASSY AUTO;J60A,OMEGA	S.N.A
....4	D504	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D509	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D510	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D503	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	D533	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	D563	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	D501	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D531	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D532	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D561	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D562	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	DZ501	0403-000334	DIODE-ZENER;UZ2.7BSA,2.54-2.75V,500MW,DO	
....4	DZ531	0403-000334	DIODE-ZENER;UZ2.7BSA,2.54-2.75V,500MW,DO	
....4	DZ561	0403-000334	DIODE-ZENER;UZ2.7BSA,2.54-2.75V,500MW,DO	
....4	DZ502	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
....4	DZ532	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
....4	DZ562	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO	
....4	DZ503	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500MW,D	
....4	DZ533	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500MW,D	
....4	DZ563	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500MW,D	
....4	Q504	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	Q533	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	Q534	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	Q563	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	Q502	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	Q501	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
....4	Q531	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
....4	Q561	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
....4	R504	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R556	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R516	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R541	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R546	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R576	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R524	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R554	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R584	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R520	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R550	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R580	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R517	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R547	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R577	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R571	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R531	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R558	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R505	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R557	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R570	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R503	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R530	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R533	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R562	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R563	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R569	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R534	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R527	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R500	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R509	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R542	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R555	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R568	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R510	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R540	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R564	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R502	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R532	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R528	2001-001015	R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R506	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R536	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R566	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R514	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R544	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R574	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R521	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R551	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R581	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R507	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R537	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R567	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R522	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
....4	R552	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
....4	R582	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
....4	R515	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	R545	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	R575	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	R523	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X	
....4	R553	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X	
....4	R583	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X	
....4	R508	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
....4	R538	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
....4	R588	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12	
....4	R513	2008-001129	R-FUSIBLE(S);1.5ohm,5%,1/2W,AF,TP,2.5x6.	
....4	R543	2008-001129	R-FUSIBLE(S);1.5ohm,5%,1/2W,AF,TP,2.5x6.	
....4	R573	2008-001129	R-FUSIBLE(S);1.5ohm,5%,1/2W,AF,TP,2.5x6.	
....4	C503	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C533	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C563	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	C514	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C544	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C574	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C511	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
....4	C541	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
....4	C571	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5	
....4	C513	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
....4	C543	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
....4	C573	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,	
....4	C505	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
....4	C535	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
....4	C565	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
....4	C507	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.	
....4	C537	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.	
....4	C567	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.	
....4	C512	2401-000133	C-AL;1000uF,20%,16V,GP,TP,10x20,5	
....4	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C510	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C536	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C540	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C566	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C570	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
....4	C504	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	C534	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	C564	2401-001571	C-AL;47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	C502	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C532	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C562	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	L501	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534	
....4	L531	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534	
....4	L561	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,-,TP	S.N.A
....4	EL501	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL502	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL503	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL504	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL505	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL506	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL507	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL508	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL509	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL510	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL511	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL512	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL513	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL514	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL515	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EY01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	OO	AA41-00910B	PCB CRT;SVP-43W6HE,FR-1,1L,1.6T,330*245,	S.N.A
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	C508	2401-001271	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5	
....4	R526	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	
....4	LX085	AA27-90001B	COIL-SPARK,GAP;S-23,1.5KV,-,-,-,-,-,-,-,	

Level	Loc.No.	Code No.	Description;Specification	Remark
...3	CIS1	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A
...3	CIS1	AA65-00029A	CLAMPER CORE-WIRE;PJTV,NYLON66,OD24,DONG	S.N.A
..2	T0105	BP94-01484A	ASSY PCB MISC-DY JACK;SVP-43H3HT,P61A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	CN906	3711-000654	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	S.N.A
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	S.N.A
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	S.N.A
...3	T0061	BP61-00375A	HOLDER-PCB DY;PJTV,HIPS,V0,BLK	S.N.A
...3	T0100	BP97-00554A	ASSY AUTO-DY JACK;SVP-43H3HT,P61A	S.N.A
....4	R301	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
....4	R302	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
....4	R303	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
....4	R304	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
....4	R305	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
....4	R306	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
....4	R307	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
....4	OO	BP41-00146A	PCB-DY JACK;SVP-43H3HT,1L,A,P61A,4A,TV-T	S.N.A
...3	GT01	AA60-40012F	PIN-GT;4P,2.36PI,6/12/14mm,NYLON66,LOCKI	S.N.A
..2	T0245	BP94-01142A	ASSY PCB MISC-KEY CONTROL;HCP5252,P59A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	CN906	3711-000609	CONNECTOR-HEADER;BOX,11P,1R,2.5MM,ANGLE,	
...3	CN906	3711-001075	CONNECTOR-HEADER;BOX,7P,1R,2.50mm,ANGLE,	
...3	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	M2893	BP39-00054J	LEAD CONNECTOR;P60A,UL1007#26,UL/CSA,11P	
...3	M2893	BP39-00142A	LEAD CONNECTOR;HLP5063WX,UL1007#22,UL/CS	
...3	T0015	BP64-00386A	KNOB CONTROL-ASSY;43T9,ABS,HB,GRY	S.N.A
....4		BP61-00442A	GUIDE-KNOB CONTROL;43T9,ABS,HB,GRY,VACUU	S.N.A
....4	T0022	BP64-00327A	KNOB CONTROL;43T9,ABS,HB,GR503,SVM3012	S.N.A
...3		BP97-00600A	ASSY AUTO-SIDE CONTROL;SVP-42W5HL,P59A,	S.N.A
....4	RY04	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RY05	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RY03	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RY02	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RY06	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	SWY08	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY07	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY06	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY05	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY04	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY03	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY01	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	M0119	BP41-00102A	PCB CONTROL;SVP-42Q2,FR-1,1L,A,1.6T,245*	S.N.A
..2	T0097	BP94-01163A	ASSY PCB MISC-PWR DEF;HCP4252,P59A	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
⚠ ...3	DS801S	0402-000102	DIODE-BRIDGE;D2SB60,200V,1.5A,SIP-4,ST	
...3	D464	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
...3	D803	0402-000250	DIODE-RECTIFIER;RG4C,1KV,2A,-,-	
...3	Q852	0502-000405	TR-POWER;KSC5039,NPN,70000MW,TO-220,BK,1	
...3	Q409	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM,	
...3	Q409	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM,	
⚠ ...3	PC801S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
⚠ ...3	PC802S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
...3	IC811	1203-000119	IC-NEGA.FIXED REG.;7905,TO-220,3P,-,PLAS	
...3	IC012	1203-000165	IC-POSI.ADJUST REG.;78R12,TO-220,4P,-,PL	
...3	T0087	1203-001006	IC-POSI.FIXED REG.;78R05,TO-220F,4P,-,PL	
...3	T0086	1203-002177	IC-PWM CONTROLLER;VIPER12ADIP,DIP,8P,300	
⚠ ...3	CY801S	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	
⚠ ...3	CY802S	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	
⚠ ...3	CY803S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.	
⚠ ...3	CY804S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.	
⚠ ...3	CR471S	2301-001091	C-FILM,LEAD-PPF;470NF,5%,400V,BK,26X21.5	
⚠ ...3	CR430S	2301-001343	C-FILM,LEAD-PPF;3.9NF,5%,2KV,BK,29X9.5X1	
...3	C811	2301-001418	C-FILM,LEAD-PPF;1.5nF,5%,2kV,TP,29x7x13.	
...3	C871	2301-001539	C-FILM,LEAD-PPF;1000NF,5%,400V,BK,28*25*	
⚠ ...3	CR431S	2301-001583	C-FILM,LEAD-PPF;3NF,5%,2KV,BK,25X13X7MM,	
⚠ ...3	CR436S	2306-000235	C-FILM,LEAD-PPF;560NF,5%,400V,BK,26X22.5	
⚠ ...3	CR473S	2306-000322	C-FILM,LEAD-PPF;12NF,5%,1.6KV,BK,29X20.5	
...3	C491	2306-000326	C-FILM,LEAD-PPF;4.7NF,5%,1.6KV,BK,28.5X1	
⚠ ...3	CR474S	2306-000326	C-FILM,LEAD-PPF;4.7NF,5%,1.6KV,BK,28.5X1	
...3	C803	2401-000701	C-AL;2200uF,20%,250V,GP,BK,35x70mm,10	
...3	C472	2401-000787	C-AL;220uF,20%,160V,GP,BK,16x31.5mm,7.5	
...3	C451	2401-000787	C-AL;220uF,20%,160V,GP,BK,16x31.5mm,7.5	
...3	C816	2401-000787	C-AL;220uF,20%,160V,GP,BK,16x31.5mm,7.5	
...3	C870	2401-001675	C-AL;820uF,20%,200V,GP,BK,25x50mm,1	
...3	C822	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5	
...3	C825	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5	
...3	C804	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
...3	C814	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
...3	C824	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	CN906	3711-000654	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	CN906	3711-001084	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
...3	T0310	4715-001050	SURGE ABSORBER;2.4kV,20%,1500A,-,DISC-RA	
...3	T432	AA26-00053B	TRANS-DUMMY;ER-4445,P59A,18 PIN,1.3mH,11	
...3	T481	AA26-00091A	TRANS-HV-STORAGE;4mH,-,14P,830uH,180V,10	
...3	T431	AA26-50001U	TRANS-HORIZ.DRIVE;-,-,-,28mH,-,-,105uH,-	
...3	T461	AA26-50001V	TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,113uH,	
...3	T0010	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
...3	T0010	AA27-10001C	COIL CHOKE;-,100uH,K,-,5.0A,ST,700UH-K(R	
...3	T0010	AA27-10002L	COIL CHOKE;-,24uH,K,-,2A,-,24UH-K,10x10m	
...3	T0296	AA27-30003M	COIL LINEARITY;-,5uH,OWA14x15,USRC0.1x60	
...3	M2893	AA39-00362B	LEAD CONNECTOR;CHAMP,UL1007#26,UL/CSA,10	
...3	ICZ103	AA96-00038B	ASSY HEAT SINK P;-,CONVERGENCE,AA62-3017	S.N.A
...3	ICZ104	AA96-00038B	ASSY HEAT SINK P;-,CONVERGENCE,AA62-3017	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-001021	SCREW-TAPTITE;RH,+,B,M3,L15,ZPC(YEL),SWR	S.N.A
....4	T0066	AA62-30173E	HEAT SINK-ES;-,-,T1.0,WHITE,SCREW-HOLE(1	S.N.A
....4	T0074	1201-001512	IC-VIDEO AMP;392,SIP,22P,-,TRIPLE,-,PLAS	
...3	D804	AA96-00243E	ASSY HEAT SINK P;-,SOUND,AA62-00045A,FMG	S.N.A
...3	D851	AA96-00243E	ASSY HEAT SINK P;-,SOUND,AA62-00045A,FMG	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4		0402-000231	DIODE-RECTIFIER;FMG-G26S,600V,4A,TO-220F	
...3	Q433	AA96-00243H	ASSY HEAT SINK P;-,POWER,AA62-00045A,KSD	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4		0502-000298	TR-POWER;KSD73,NPN,30000mW,TO-220,TP,120	
...3	Q371	AA96-00244H	ASSY HEAT SINK P;SCREW,2SC4636(2),CRT,SL	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00046A	HEAT SINK-PS;-,-,T1.0,-,D1(DREAM) 60X25X	S.N.A
....4		0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-	
⚠ ...3	D801S	AA96-00276A	ASSY HEAT SINK P;-,BRIDGE,AA62-00052A,RB	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0063	AA60-30003A	WASHER;T1.5,SBHG-1	S.N.A
....4	T0175	AA62-00052A	HEAT SINK-PS;-,-,-,SILVER,HOLE 18.5mm, 2	S.N.A
....4		0402-000549	DIODE-BRIDGE;RBV606,600V,6A,SIP-4,BK	
...3	IC802	AA96-00475B	ASSY HEAT SINK P;SILICON-OIL,FMLG-12S(4)	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	S.N.A
....4	T0098	AA62-00066B	HEAT SINK;D2,D3,AL ,T1.0,89,70,-,AA62-00	S.N.A
....4		0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
....4	IC012	1203-000165	IC-POSI.ADJUST REG.;78R12,TO-220,4P,-,PL	
...3	IC301	AA96-00623A	ASSY HEAT SINK P;-,POWER,AA62-00056A,LA7	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,	S.N.A
....4	T0088	1204-000517	IC-VERTICAL DEF.;LA7845,SIP,7P,-,PLASTIC	
...3	Q431	BH99-00033H	ASSY HEAT/SINK;BH62-00038A,SPRING,FJL692	S.N.A
....4	T0081	BH62-00038B	HEAT SINK-FBT;COMMANDO,A1050S,T2.0,85*80	S.N.A
....4	T0239	BH73-00028A	SILICON/RUBBER-HS;CDT ALL,SILICON,26*33*	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4	T0105	AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	S.N.A
....4	CIS	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,DO-201A	
....4	CIS	0502-001230	TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F	
⚠ ...3	TS811S	BN26-00004A	TRANS SWITCHING-DPMS;EE 2020,LCD-TV,400V	
⚠ ...3	T801S	BP26-00002B	TRANS SWITCHING-MAIN;VD074-04,CHAMP,400V	
⚠ ...3	T444S	BP26-00012A	TRANS FBT;FFA61512L,PJTTV,0.37mH ¡¾ 7%,F	
...3	M2893	BP39-00017A	LEAD CONNECTOR;P55A/HCM4215W,UL1617#22,U	
....4	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	M2893	BP39-00092A	LEAD CONNECTOR;P58A,1007#26,UL/CSA,15P,1	
...3	M2893	BP39-00092A	LEAD CONNECTOR;P58A,1007#26,UL/CSA,15P,1	
...3	M2893	BP39-00126A	LEAD CONNECTOR;CHAMP,UL1007#26,UL/CSA,9P	
...3	CN900	BP95-00392A	ASSY SUB PCB-H/V MOD;CHAMP,J59A,H/V MOD	
....4	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	DU410	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
....4	IC012	1203-000162	IC-POSI.ADJUST REG.;317,TO-220,3P,-,PLAS	
....4	T0086	1203-000610	IC-PWM CONTROLLER;494,DIP,16P,300MIL,PLA	
....4	CN906	3711-002705	CONNECTOR-HEADER;NOWALL,7P,1R,2.5mm,ANGL	
....4	CN906	3711-003215	CONNECTOR-HEADER;NOWALL,18P,1R,2.5MM,ANG	
....4	M0107	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A
....4	M0107	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A
....4	T0238	BP97-00752A	ASSY AUTO;SP43T8HEX/XSG,J59A	S.N.A
.....5	D385	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D386	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D438	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D439	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D440	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D441	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D442	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D443	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D477	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D478	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D479	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
⚠ 5	DR401S	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
⚠ 5	DR402S	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....5	D384	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
.....5	D435	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
.....5	D480	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
.....5	D484	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
.....5	D472	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
.....5	D387	0403-000719	DIODE-ZENER;MTZJ7.5B,7.11-7.44V,500MW,DO	
.....5	DZ473	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
⚠ 5	DZ482S	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
.....5	DZ483	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500MW,DO	
.....5	DZ474	0403-000734	DIODE-ZENER;TZP15B,14.7-16.5V,1000MW,DO-	
.....5	DZ386	0403-001316	DIODE-ZENER;MTZJ3.0A,2.85-3.07V,500MW,DO	
.....5	DZ395	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500MW,DO	
⚠ 5	DR404S	0403-001325	DIODE-ZENER;MTZJ15C,14.42-15.02V,500MW,D	
.....5	Q432	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
.....5	Q440	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
.....5	Q482	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
⚠ 5	QR401S	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
.....5	Q381	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q382	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q401	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q402	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q421	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q438	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q439	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q441	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q451	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q461	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q471	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	Q481	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....5	IC012	1203-000002	IC-POSI.ADJUST REG.;431,TO-92,3P,-,PLAST	
⚠ 5	RR409S	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
.....5	R416	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R387	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R474	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R384	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R422	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R440	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
.....5	R450	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R448	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R495	2001-000262	R-CARBON;1.8MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R445	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R420	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠ 5	RR410S	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R418	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R447	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R483	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R484	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠ 5	RR407S	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠ 5	RR408S	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R492	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R417	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R388	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R397	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R385	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R389	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R458	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R423	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R451	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R461	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R455	2001-000674	R-CARBON;360OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R414	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R415	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R446	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R449	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R494	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R454	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R456	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R386	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R489	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R490	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R443	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R475	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R444	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R487	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R482	2001-001031	R-CARBON;91KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R413	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R441	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R409B	2001-001111	R-CARBON(S);240OHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R412	2001-001111	R-CARBON(S);240OHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R410	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
.....5	R433	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
.....5	R459	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R460	2003-002044	R-METAL OXIDE(S);100ohm,5%,1W,AF,TP,2.5x	
.....5	R421	2003-002159	R-METAL OXIDE;150OHM,5%,1W,AG,TP,4.3X12M	
.....5	R409	2004-000481	R-METAL;2.4Kohm,1%,1/4W,AA,TP,2.4x6.4m	
.....5	R407	2004-001377	R-METAL(S);120Kohm,1%,1/2W,AA,TP,2.4x6.4	
.....5	R473	2004-001395	R-METAL(S);330Kohm,2%,1/2W,AA,TP,2.4x6.4	
.....5	R406	2004-001402	R-METAL(S);6.8Kohm,1%,1/2W,AA,TP,2.4x6.4	
⚠ 5	RR406S	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠ 5	RR411S	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
.....5	R408	2004-001893	R-METAL(S);22Kohm,1%,1/2W,AA,TP,2.5x6.5m	
.....5	R471	2004-002011	R-METAL(S);110Kohm,1%,1/2W,AA,TP,2.4x6.4	
⚠ 5	RR403S	2004-004001	R-METAL(S);180Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠ 5	RR404S	2004-004046	R-METAL(S);430Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠ 5	RR405S	2004-004046	R-METAL(S);430Kohm,1%,1/2W,AA,TP,2.5x6.5	
.....5	R485	2008-001137	R-FUSIBLE(S);3.3ohm,5%,1W,AF,TP,3.9x10mm	
.....5	R491	2008-001145	R-FUSIBLE;4.7OHM,5%,1/2W,AF,TP,2.5X6.5MM	
.....5	R409A	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6	
⚠ 5	RR471S	2103-000454	VR-SEMI;50Kohm,25%,0.3W,SIDE	
⚠ 5	RR402S	2103-001080	VR-SEMI;100KOHM,25%,0.3W,SIDE	
.....5	C490	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
⚠ 5	CR402S	2201-000146	C-CERAMIC,DISC;0.1NF,5%,50V,SL,TP,5X3.5M	
⚠ 5	CR403S	2201-000146	C-CERAMIC,DISC;0.1NF,5%,50V,SL,TP,5X3.5M	
.....5	C406	2201-000370	C-CERAMIC,DISC;0.22NF,10%,50V,Y5P,TP,4X3	
.....5	C405	2201-000558	C-CERAMIC,DISC;0.47NF,10%,50V,Y5P,TP,5X3	
.....5	C478	2301-000020	C-FILM,LEAD-PEF;27nF,5%,100V,TP,7.3x4x12	
.....5	C479	2301-000200	C-FILM,LEAD-PEF;2.2nF,5%,200V,TP,11.0x6.	
.....5	C404	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6	
.....5	C412	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm	
.....5	C487	2305-000178	C-FILM,LEAD-PEF;10nF,5%,100V,TP,-,5mm	
.....5	C480	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
.....5	C489	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
.....5	C481	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	C413	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
.....5	C407	2401-000450	C-AL;10uF,20%,25V,WT,TP,5x11,5	
.....5	C440	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
.....5	C492	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
⚠ 5	CR401S	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
.....5	C441	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5	
.....5	C476	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
.....5	C488	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C456	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
.....5	OO	BP41-00145C	PCB-H/V;HCP4252W,FR-1,1L,C,1.6T,245*245,	S.N.A
...3	IC805	BP96-00020B	ASSY HEAT SINK P;H/S TR,SCREW,KA7808,OIL	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4	T0087	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
...3	IC804	BP96-00020G	ASSY HEAT SINK P;AA62-00045B,TAPTITE,SI-	S.N.A
....4	T0522	0205-001153	GREASE-SILICON;SC102,JAPAN,-	S.N.A
....4	M0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	S.N.A
....4	T0098	AA62-00045B	HEAT SINK;COMMANDO,AL1050,T1.0,H45.0	S.N.A
....4	IC012	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	

Level	Loc.No.	Code No.	Description;Specification	Remark
...3	IC806	BP96-00020Q	ASSY HEAT SINK P;AA62-00045A,SCREW,KA278	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4	T0087	1203-002003	IC-POSI.FIXED REG.;278R09,TO-220,4P,-,PL	
...3	IC807	BP96-00020R	ASSY HEAT SINK P;AA62-00045A,SCREW,KA278	S.N.A
...3	IC808	BP96-00020R	ASSY HEAT SINK P;AA62-00045A,SCREW,KA278	S.N.A
...3	IC809	BP96-00020R	ASSY HEAT SINK P;AA62-00045A,SCREW,KA278	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	T0175	AA62-00045A	HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A
....4	IC062	1203-001978	IC-MULTI REG.;KA278RA05,TO-220F,4P,-,PLA	
...3	Q473	BP96-00335A	ASSY HEAT SINK P;BP62-00035A,SCREW,2SC41	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	M0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4	T0105	AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	S.N.A
....4	T0175	BP62-00035A	HEAT SINK-PS;P57A,A1050S,T2.0,12.5,66,WH	S.N.A
....4	CIS	0502-001100	TR-POWER;2SC4125,NPN,70W,TO-3PML,BK,8-	
....4	Q409	0505-001722	FET-SILICON;IRFS640B,N,200V,18A,0.18OHM,	
...3	IC801	BP96-00419C	ASSY HEAT SINK P;BP62-00050A,SCREW,STR-X	S.N.A
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	T0175	BP62-00050A	HEAT SINK-PS;SVP-43W6,A1050S,T2.0,80,108	S.N.A
....4	M0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4	IC063	BP13-00004A	IC HYBRID;STR-X6459A,COMMANDO,7,-20 TO +	
...3	T0238	BP97-00768A	ASSY AUTO;HCP4252,P59A	S.N.A
....4	D301	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D361	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D362	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D372	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D374	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	DS802	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	DS805	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
....4	D802	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
....4	D806	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
....4	DS803	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
....4	DS804	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
....4	D501	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	D805	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	D807	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	D373	0402-000243	DIODE-RECTIFIER;RC2-V1,2KV,0.2A,DO-201,T	
....4	D415	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	D451	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
....4	D455	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
....4	D433	0402-000537	DIODE-RECTIFIER;RH1A,600V,0.6A,DO-204AC	
....4	D413	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
....4	D302	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D431	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D474	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	D453	0402-001286	DIODE-RECTIFIER;RP1H,2000V,0.1A,TO-3P,TP	
....4	DZ151	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41	
....4	DZ152	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41	
....4	DZ301	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41	
....4	DZ303	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41	
....4	DZ414	0403-000701	DIODE-ZENER;TZP5.1A,5%,1000MW,DO-41,TP	
....4	DZ801	0403-000704	DIODE-ZENER;TZP7.5B,7.5-8.4V,1000MW,DO-4	
....4	DZ807	0403-000704	DIODE-ZENER;TZP7.5B,7.5-8.4V,1000MW,DO-4	
....4	DZ371	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500MW,D	
....4	DZ803	0403-000716	DIODE-ZENER;MTZJ4.7B,4.59-4.77V,500MW,DO	
....4	DZ304	0403-000734	DIODE-ZENER;TZP15B,14.7-16.5V,1000MW,DO-	
....4	DZ305	0403-000734	DIODE-ZENER;TZP15B,14.7-16.5V,1000MW,DO-	
....4	DZ806	0403-001167	DIODE-ZENER;MTZJ30D,29.02-30.51V,500MW,D	
....4	DZ413	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500MW,DO	
....4	DZS807	0403-001325	DIODE-ZENER;MTZJ15C,14.42-15.02V,500MW,D	
....4	DZ400	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500MW,D	
....4	DZ481	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500MW,D	
....4	DZ482	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500MW,D	
....4	DZS808	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500MW,D	
....4	DZ306	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO	
....4	DZ307	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO	
....4	DZS805	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO	
....4	DZS804	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500MW,D	
....4	DS806	0404-001056	DIODE-SCHOTTKY;RK16,60V,1500MA,DO-204AC,	
....4	DZ805	0406-001007	DIODE-TVS;P6KE180A,171/180/189V,600W,CAS	
....4	DZS802	0406-001062	DIODE-TVS;P6KE200A,190/200/210V,600W,CAS	
....4	DZS803	0406-001106	DIODE-TVS;P6KE300A,285/-/315V,600W,DO-20	
....4	QS802	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
....4	Q361	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	Q362	0501-000366	TR-SMALL SIGNAL;KSC2330-Y,NPN,1W,TO-92L,	
....4	Q301	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	Q801	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	QS803	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	IC012	1203-000002	IC-POSI.ADJUST REG.;431,TO-92,3P,-,PLAST	
....4	R303	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R470	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R808	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R831	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R833	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RS807	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RS808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R438	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R439	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	RS804	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R366	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R807	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R823	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R488	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R301	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R812	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R381	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R423	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ111	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ112	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ133	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ134	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ135	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ113	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ115	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ117	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ136	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ138	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ140	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R376	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R362	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R305	2001-000674	R-CARBON;360OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R363	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R820	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R824	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R826	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R828	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R830	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R834	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R302	2001-000761	R-CARBON;430OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ110	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ114	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ116	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ118	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ137	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ139	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	RZ141	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R364	2001-000938	R-CARBON;68OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R473	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R474	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R814	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R818	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R367	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R368	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R369	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R369A	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R370	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R371	2001-001065	R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R821	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RS803	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R810	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R815	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RS805	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RS806	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R361	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R809	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R372	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R373	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R374	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R377	2001-001110	R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R375	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	RZ104	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	RZ105	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ106	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ107	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ108	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ109	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R365	2001-001120	R-CARBON(S);3.3OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R468	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R801	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R802	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	RZ150	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	RZ151	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R837	2001-001185	R-CARBON(S);750OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R836	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R811	2001-001196	R-CARBON(S);9.1KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R428	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP,3.5x	
....4	R428A	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP,3.5x	
....4	R428B	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP,3.5x	
⚠ 4	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
....4	R382	2002-001014	R-COMPOSITION;6.8Kohm,10%,1/2W,AA,TP,3.7	
....4	R384	2002-001016	R-COMPOSITION;330Kohm,5%,1/2W,AA,TP,3.7x	
....4	R425	2003-000417	R-METAL OXIDE(S);1.2Kohm,5%,3W,AA,TP,6x1	
....4	R804	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16	
....4	R805	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16	
....4	R429	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12	
....4	R430	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12	
....4	R310	2003-001018	R-METAL OXIDE(S);220ohm,5%,2W,AF,TP,3.9x	
....4	R463	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ129	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ129A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ130	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ130A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ131	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ131A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ132	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ132A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ148	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ148A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ149	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	RZ149A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x	
....4	R426	2003-002026	R-METAL OXIDE(S);4.7ohm,5%,1W,AF,TP,2.5x	
....4	R443	2003-002071	R-METAL OXIDE;560ohm,5%,2W,AF,TP,3.9x10m	
....4	R466	2004-000531	R-METAL;20Kohm,1%,1/2W,AA,TP,2.3x6.5mm	
....4	R813	2004-000560	R-METAL;220Kohm,1%,1/4W,AA,TP,2.4x6.4m	
....4	R819	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4	
⚠ 4	RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
....4	R378	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	R379	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	R380	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	R308	2004-001897	R-METAL(S);43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
....4	R311	2004-001897	R-METAL(S);43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
....4	R817	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.	
....4	R309	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.	
....4	R312	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.	
....4	R467	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.	
....4	R816	2004-002011	R-METAL(S);110Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	R501	2004-004029	R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5m	
....4	R502	2004-004366	R-METAL(S);1.3Kohm,1%,1/2W,AA,TP,2.5x6.5	
⚠ 4	RS801S	2008-000205	R-FUSIBLE(S);10ohm,5%,1/2W,AF,TP,2.5x6.5	
⚠ 4	RS802S	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m	
....4	R472	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x	
....4	R441	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R442	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R442A	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R445	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R447	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m	
....4	R440	2008-000282	R-FUSIBLE(S);0.47ohm,5%,1W,AA,TP,3.9x12m	
....4	R307	2008-000290	R-FUSIBLE(S);2.4ohm,5%,2W,AF,TP,3.9x10mm	
....4	R427	2008-001018	R-FUSIBLE(S);0.47ohm,10%,2W,AF,TP,3.9x10	
....4	R427A	2008-001018	R-FUSIBLE(S);0.47ohm,10%,2W,AF,TP,3.9x10	
....4	R486	2008-001018	R-FUSIBLE(S);0.47ohm,10%,2W,AF,TP,3.9x10	
....4	R431	2008-001050	R-FUSIBLE(S);22ohm,5%,2W,AF,TP,3.9x10mm	
....4	R306	2008-001076	R-FUSIBLE(S);1.8ohm,5%,2W,AF,TP,3.9x10mm	
....4	R437	2008-001076	R-FUSIBLE(S);1.8ohm,5%,2W,AF,TP,3.9x10mm	
....4	R424	2008-001145	R-FUSIBLE;4.7OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R462	2008-001145	R-FUSIBLE;4.7OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ123	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ124	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ125	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ126	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ127	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ128	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ142	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ143	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ144	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ145	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ146	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ147	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	C810	2201-000017	C-CERAMIC,DISC;1NF,10%,50V,Y5P,TP,5X3.5M	
....4	C468	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C805	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	CS807	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C455	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
....4	C459	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
....4	C484	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
....4	C809	2201-000138	C-CERAMIC,DISC;0.1NF,10%,50V,Y5P,TP,4X4M	
....4	C469	2201-000180	C-CERAMIC,DISC;10NF,10%,50V,Y5V,TP,7X3MM	
....4	C863	2201-000180	C-CERAMIC,DISC;10NF,10%,50V,Y5V,TP,7X3MM	
....4	C807	2201-000234	C-CERAMIC,DISC;0.15NF,5%,50V,C0G,TP,9X3M	
....4	CZ117	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y5V,TP,6.5X	
....4	CZ118	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y5V,TP,6.5X	
....4	CZ138	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y5V,TP,6.5X	
....4	CZ139	2201-000327	C-CERAMIC,DISC;2.2NF,10%,50V,Y5V,TP,6.5X	
....4	C801	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4	
....4	CS810	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4	
....4	C834	2201-000376	C-CERAMIC,DISC;0.22NF,5%,50V,SL,TP,6.3X3	
....4	C449	2201-000406	C-CERAMIC,DISC;0.27NF,10%,2KV,Y5P,TP,6.3	
....4	C874	2201-000406	C-CERAMIC,DISC;0.27NF,10%,2KV,Y5P,TP,6.3	
....4	C813	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C817	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C818	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C819	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C820	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C376	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C433	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C434	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	CS808	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	CZ151	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ152	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ153	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ154	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ155	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ156	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	CZ111	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ113	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ115	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ132	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ134	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ136	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	CZ112	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	CZ114	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	CZ116	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	CZ133	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	CZ135	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	CZ137	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	C836	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C839	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C840	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C842	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C845	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C846	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C847	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C850	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C851	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C854	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C855	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C858	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C859	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C860	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C866	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	C868	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	CZ108	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	CZ109	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	CZ110	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	CZ126	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	CZ127	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	CZ128	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	C307	2301-000188	C-FILM,LEAD-PEF;1nF,5%,100V,TP,10.5x12.5	
....4	C309	2301-000188	C-FILM,LEAD-PEF;1nF,5%,100V,TP,10.5x12.5	
....4	C477	2301-000213	C-FILM,LEAD-PEF;220nF,5%,250V,TP,21.5x11	
....4	C835	2301-000224	C-FILM,LEAD-PEF;22nF,5%,50V,TP,7.4x3.9x1	
....4	CS809	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6	
....4	C831	2301-001216	C-FILM,LEAD-PPF;47nF,5%,630V,TP,20x14.5x	
⚠ 4	CR432S	2301-001678	C-FILM,MPEF;0.68000nF,5%,2000.000V,TP,20	
....4	C432	2303-000002	C-FILM,LEAD-PPF;8.2nF 5% 400V TP 19X18X7	
....4	C438	2303-000002	C-FILM,LEAD-PPF;8.2nF 5% 400V TP 19X18X7	
....4	C460	2303-000331	C-FILM,LEAD-PPF;4.7nF,5%,630V,TP,19.5x12	
....4	C301	2305-000285	C-FILM,LEAD-PEF;220NF,5%,100V,TP,10.5X5.	
....4	C828	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C812	2305-000412	C-FILM,LEAD-PEF;470nF,5%,63V,TP,-,5mm	
....4	C311	2305-000624	C-FILM,LEAD-PEF;330nF,10%,100V,TP,-,5mm	
....4	C429	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	C361	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
....4	C428	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
....4	CS806	2401-000010	C-AL;220uF,20%,16V,GP,-,6.3x11mm,2.5	
....4	C843	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C869	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C827	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C837	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C848	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C852	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C856	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C867	2401-000164	C-AL;1000uF,20%,25V,WT,TP,12.5x20,5	
....4	C371	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C373	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C426	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C830	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C841	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C304	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C305	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C467	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C832	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C372	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	CS802	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C829	2401-000573	C-AL;1uF,20%,250V,WT,TP,6.3x11,5	
....4	C821	2401-000703	C-AL;2200uF,20%,25V,GP,-,12.5x25mm,	
....4	C861	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	CZ140	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
....4	CZ141	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
....4	C483	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
....4	C431	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C436	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C864	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C865	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C454	2401-001428	C-AL;470uF,20%,50V,GP,TP,10x20,5	
....4	C456	2401-001527	C-AL;47uF,20%,250V,HR,TP,13x25mm,5m	
....4	C374	2401-001621	C-AL;6.8uF,20%,450V,GP,TP,13x20,5	
....4	C445	2401-001622	C-AL;6.8uF,20%,50V,BP,TP,16x25mm,7.	
....4	CS805	2401-001655	C-AL;680uF,20%,25V,GP,TP,10x20,5	
....4	C808	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4	C806	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
....4	CS803	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
....4	C823	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C849	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
....4	C853	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
....4	C857	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
....4	C844	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
....4	C838	2401-003034	C-AL;220uF,20%,16V,WT,TP,8x11.5,5	
....4	C875	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm	
....4	C427	2401-003046	C-AL;47uF,20%,50V,WT,TP,6.3x11,2.5	
....4	C437	2401-003114	C-AL;4.7uF,20%,250V,WT,TP,10x16,5	
....4	L431	2701-000116	INDUCTOR-AXIAL;10UH,10%,4298	
....4	LZ107	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ108	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ109	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ110	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ111	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ112	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LS804	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;,3.5x1.0x6.0mm,3000mA,TP,,,50	S.N.A
....4	L2514	3301-000374	BEAD-AXIAL;,3.5x1.0x9.0mm,3000mA,TP,,,50	S.N.A
⚠ 4	FD801S	3601-001064	FUSE-AXIAL LEAD;125V,4A,FAST-ACTING,GLAS	
⚠ 4	FD802S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ 4	FD803S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ 4	FD804S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
....4	EL401	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL402	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL403	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL404	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL405	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL406	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL407	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL408	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL409	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL410	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL411	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL412	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL413	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL414	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL415	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL416	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL417	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL418	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EY401	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY402	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY403	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY404	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY405	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY406	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY407	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY408	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY409	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY410	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY411	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY412	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY413	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY414	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY415	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY416	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY417	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY418	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY419	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY420	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY421	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY422	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY423	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY424	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY425	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY426	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY427	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY428	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY429	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY430	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY431	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY432	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY433	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY434	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY435	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY436	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY437	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY438	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	EY439	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY440	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY441	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY442	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY443	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY444	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY445	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY446	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY447	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY448	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY449	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY450	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY451	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY452	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY453	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY454	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY455	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY456	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY457	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY458	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY459	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY460	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY461	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY462	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY463	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY464	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY465	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY466	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY467	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY468	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY469	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY470	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY471	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY472	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY473	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY474	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY475	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY476	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY477	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY478	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY479	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY480	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY481	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY482	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY483	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY484	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY485	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY486	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY487	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY488	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY489	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY490	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY491	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY492	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY493	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY494	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY495	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY496	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY497	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY498	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY499	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY500	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY501	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY502	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY503	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY504	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY505	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY506	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY507	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY508	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY509	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY510	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY511	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY517	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY518	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY519	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY520	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	EY521	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY522	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY523	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY524	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY525	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY526	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY527	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY528	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY529	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY530	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY531	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY532	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY533	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY534	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY535	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY536	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY537	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY538	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY539	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY540	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY541	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY542	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY543	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY544	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY545	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY546	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY547	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY548	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	C450	2401-001488	C-AL;47uF,20%,160V,WT,TP,13x20,5	
....4	C826	2401-003141	C-AL;2200uF,20%,25V,WT,TP,13x25,5mm	
....4	R464	2003-002196	R-METAL OXIDE(S);0.68ohm,5%,2W,AG,TP,3.9	
....4	DZ802	0403-000705	DIODE-ZENER;TZP8.2B,8.2-9.3V,1000MW,DO-4	
....4	DZ804	0403-000705	DIODE-ZENER;TZP8.2B,8.2-9.3V,1000MW,DO-4	
....4	EL41	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL419	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	0	BP41-00070D	PCB SUB-POWER;SVP-43W6HE,CEM-1,1L,1.6T,3	S.N.A
...3	GT401	AA60-40012F	PIN-GT;4P,2.36PI,6/12/14mm,NYLON66,LOCKI	S.N.A
...3	R806	2009-001011	R-METAL PLATE;0.18ohm,10%,5W,CL,TP,5x14x	
...3	R806A	2009-001011	R-METAL PLATE;0.18ohm,10%,5W,CL,TP,5x14x	
...3	CS801	2401-003370	C-AL;47uF,20%,450V,GP,BK,16X35.5,7.	
...3	T0010	BP27-00001B	COIL CHOKE;400uH,10%,0.3ohm,1A,DR15x27.5	
...3	M2893	BP39-00198A	LEAD CONNECTOR;UL1007#26,12,500,Gray, Wh	S.N.A
..2	T0520	BP94-01392E	ASSY PCB MISC-LINE FILTER;CHAMP,BP94-010	S.N.A
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb,	S.N.A
...3	T0900	1404-001195	THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK	
⚠ ...3	CX801S	2301-001055	C-FILM,LEAD-PPF;330nF,20%,275V,TP,10x19.	
⚠ ...3	CX803S	2306-000318	C-FILM,LEAD-PPF;220NF,20%,250V,BK,-,22.5	
⚠ ...3	CX805S	2306-000318	C-FILM,LEAD-PPF;220NF,20%,250V,BK,-,22.5	
⚠ ...3	CX802S	2306-000321	C-FILM,LEAD-PPF;470NF,20%,275V,BK,31X11X	
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
...3	FD802	3601-001007	FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,	
⚠ ...3	LX802S	AA29-00012A	FILTER LINE NOISE;CS29A6PF8X/HAC,-,0.1MA	
⚠ ...3	LX804S	AA29-00012A	FILTER LINE NOISE;CS29A6PF8X/HAC,-,0.1MA	
⚠ ...3	LX801S	AA29-30002L	FILTER LINE NOISE;-,10mHMIN,5A,AC90~260V	
⚠ ...3	LX803S	AA29-30002M	FILTER LINE NOISE;-,1mHMIN,5A,AC90~260V,	
...3	T0245	AA39-20061B	LEAD CONNECTOR-ASSY;,3P,500,YFH800-03,S,	
...3		BP97-00849K	ASSY AUTO-LINE FILTER;CHAMP	S.N.A
⚠ 4	VP801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
⚠ 4	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
⚠ 4	RP801S	2002-001010	R-COMPOSITION;1.8Mohm,5%,1/2W,AA,TP,3.7x	
....4	F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	EY01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	EY03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY04	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY05	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY06	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY07	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY08	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY09	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY10	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY11	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY12	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY13	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY14	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY17	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY18	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY19	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY20	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY21	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY22	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY23	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY24	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY25	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY26	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY27	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY45	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	GT811	AA60-40014A	PIN-GT,ASSY;AUTO	
....4	0	BP41-00194A	PCB-LINE FILTER;OMEGA,FR-1,1L,A,1.6T,245	S.N.A
...3	GT801	AA60-40012G	PIN-GT;3P,2.36PI,10/5mm,NYLON66,LOCKING	S.N.A

ASSY FIXING

Level	Loc.No.	Code No.	Description;Specification	Remark
1	T0892	BP91-01435A	ASSY FIXING;HCP4252WX/XAA,P59A	S.N.A
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
..2	CIS1	AA65-30104C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
..2	CIS1	AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
⚠ ..2	T0066	AA96-00156D	ASSY POWER CORD;-,EP2/YES(US),H/C 200MM,	
...3		3811-001609	WIRE-PVC CU;BCWA,300V,ROLL,-,#22,BLK	S.N.A
...3	T0268	AA39-10007Y	CBF-POWER CORD;-,EP2/YES,SPT-2 18AWGx2C,	
...3	T0010	AA61-20284A	HOLDER;P-CORD,PP,-,-,-,BLK,VO,KE-002	S.N.A
...3	T0603	AA63-10002B	BAND-TIE;NYLON66 V2,L140,NTR	S.N.A
...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
..2	M2893	BP39-00018A	LEAD CONNECTOR;P55A/HCM4215W,UL2547#26,U	
..2	T0121	3301-001110	CORE-FERRITE;ZZ,35x19.5x9.0mm,-,-	S.N.A
..2	T0245	AA39-20010J	LEAD CONNECTOR-ASSY;,1P,1200MM,YFH800-01	
..2	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	

ASSY PRT

Level	Loc.No.	Code No.	Description;Specification	Remark
1	T0601	BP91-01495A	ASSY PRT;HCP4752WX/XAA,J59A	S.N.A
..2	T0026	BP91-01491A	ASSY CPT-R;HCP4752WX/XAA,P59A	
⚠ ...3	T0257	AA03-00200A	CRT MONO;P16LSG03RJA,FREE,3.30MH,2.20MH,	S.N.A
...3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASS'Y;-,FWZ-50A001C,	
⚠ ...3	T0078	AA27-00042A	DEFLECTION YOKE;,7PRT,S/S,7PRT,29.1MM,7P	
...3	T0079	AA33-00016A	MAGNET CONVERGENCE;JH 92LT - 29F,PJT-TV,	
...3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;,UL1015#22,UL/CSA,1P	
...3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...3	M0081	AA60-10011A	SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...3		AA61-00806B	CASE-COUPLER,R;PROJ,ALDC,T8,BLK	S.N.A
...3		AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...3	T0107	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
....4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
....4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
....4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...3	T0108	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	S.N.A
...3	T0334	AA60-00125B	SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...3	T0069	BN60-00027B	SPACER-FELT;PJTV,PRT,FELT,L20,T1.0,W20	S.N.A
...3	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK	
...3		BP96-01011A	ASSY COVER P-HOLDER CAP;PJTV,PC CLR,RED	S.N.A
....4	T0114	BP61-00725B	HOLDER-CAP;PJTV,PC,RED	S.N.A
....4	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1,6,150,WHT	S.N.A
...3	T0109	BP67-00179A	LENS-ASSY;LENS ASSY,SNI 650,RED,A/B	S.N.A
...3	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A
..2	T0027	BP91-01492A	ASSY CPT-G;HCP4752WX/XAA,P59A	
⚠ ...3	T0257	AA03-00201A	CRT MONO;P16LSG03HKA,FREE,3.30MH,2.20MH,	S.N.A
...3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASS'Y;-,FWZ-50A001C,	
⚠ ...3	T0078	AA27-00042A	DEFLECTION YOKE;,7PRT,S/S,7PRT,29.1MM,7P	
...3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;,UL1015#22,UL/CSA,1P	
...3	T0334	AA60-00125B	SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...3	M0081	AA60-10011A	SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...3		AA61-00807B	CASE-COUPLER,G;PROJ,ALDC,T8,BLK	S.N.A
...3		AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...3	T0107	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
....4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
....4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
....4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...3	T0108	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	S.N.A
...3	T0069	BN60-00027B	SPACER-FELT;PJTV,PRT,FELT,L20,T1.0,W20	S.N.A
...3	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK	
...3		BP96-01011B	ASSY COVER P-HOLDER CAP;PJTV,PC CLR,G,B	S.N.A
....4	T0114	BP61-01063A	HOLDER-CAP;PJTV,PC,CLR	S.N.A
....4	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1,6,150,WHT	S.N.A
...3	T0109	BP67-00179B	LENS-ASSY;LENS ASSY,SNI 650,GREEN,A/B	S.N.A
...3	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A
..2	T0028	BP91-01493A	ASSY CPT-B;HCP4752WX/XAA,P59A	
⚠ ...3	T0257	AA03-00202A	CRT MONO;P16LSG03BMB,FREE,3.30MH,2.20MH,	S.N.A
...3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASS'Y;-,FWZ-50A001C,	
⚠ ...3	T0078	AA27-00042A	DEFLECTION YOKE;,7PRT,S/S,7PRT,29.1MM,7P	
...3	T0079	AA33-00018A	MAGNET CONVERGENCE;JH 92LT - 36F,PJT-TV,	
...3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;,UL1015#22,UL/CSA,1P	
...3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...3	M0081	AA60-10011A	SCREW-TAPTITE;-,SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...3		AA61-00808B	CASE-COUPLER,B;PROJ,ALDC,T8,BLK	S.N.A
...3		AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...3	T0107	AA91-00722A	ASSY-BRKT,CRT;,SECC T1.6,PROJ	
....4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
....4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
....4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...3	T0108	BP61-00079A	HOLDER-DY;,PJTV,T0.5,NYLON66 V2	S.N.A
...3	T0334	AA60-00125B	SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...3	T0069	BN60-00027B	SPACER-FELT;PJTV,PRT,FELT,L20,T1.0,W20	S.N.A
...3	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK	
...3		BP96-01011B	ASSY COVER P-HOLDER CAP;PJTV,PC CLR,G,B	S.N.A
....4	T0114	BP61-01063A	HOLDER-CAP;PJTV,PC,CLR	S.N.A
....4	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1,6,150,WHT	S.N.A
...3	T0109	BP67-00179C	LENS-ASSY;LENS ASSY,SNI 650,CLEAR,A/B	S.N.A
...3	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A

ASSY P/MATERIAL

Level	Loc.No.	Code No.	Description;Specification	Remark
1	M0113	BP92-00923A	ASSY P/MATERIAL;47Q2,SEA	S.N.A
..2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	S.N.A
..2	T0214	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A
..2	T0214	AA61-20285A	HOLDER-BOX;3456,PP,-,-,-,WHT,VO	S.N.A
..2	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	S.N.A
..2		6902-000621	BAG SHEET;HDPE/PE FORM,T0.015/T1,W1000,L	S.N.A
..2	T0524	6902-000008	BAG PE;HDPE/NITRON/HDPE,T0.015/T0.5/T0.0	S.N.A

ASSY ACCESSORY

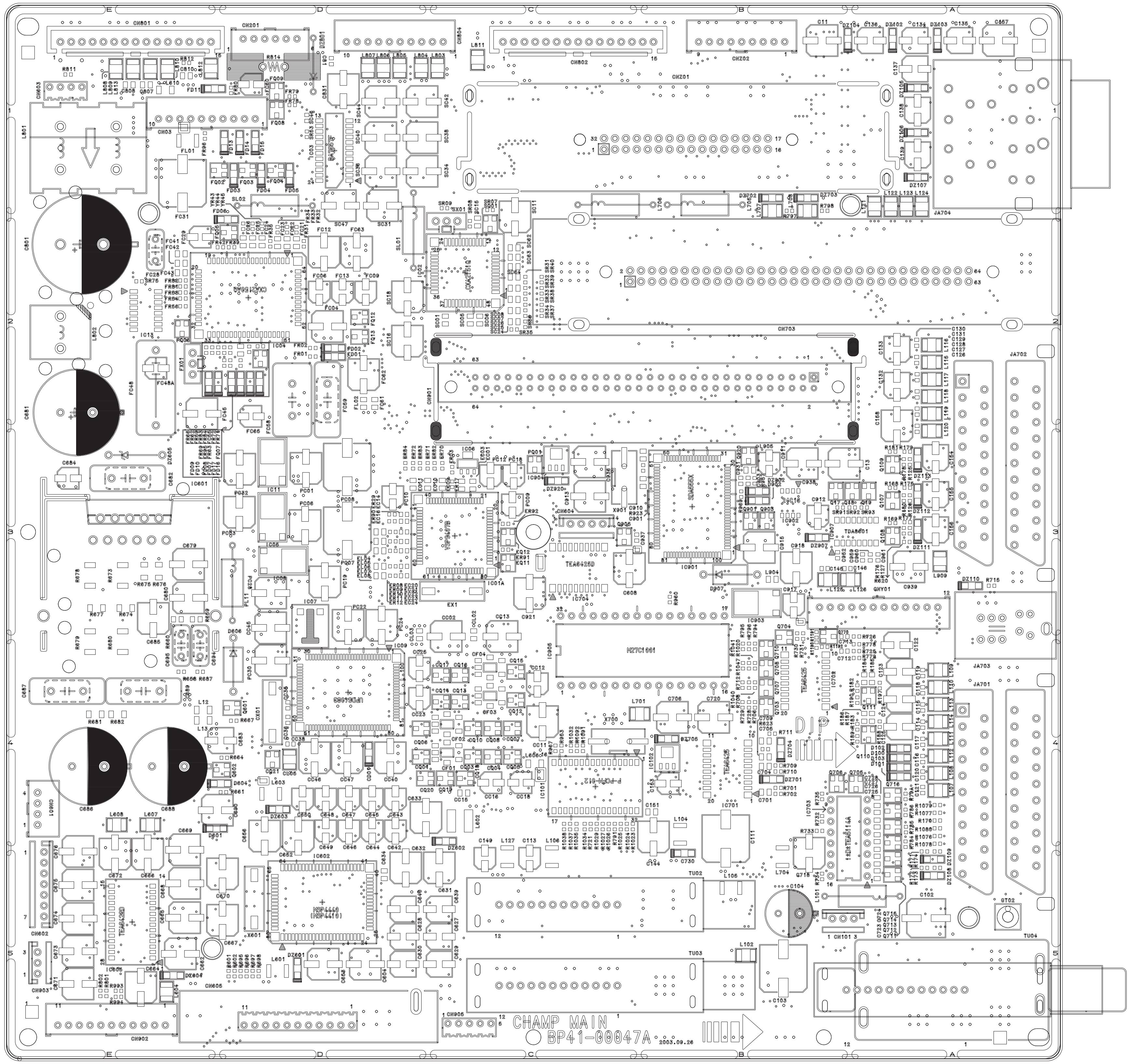
Level	Loc.No.	Code No.	Description;Specification	Remark
1	M0045	BP92-00910A	ASSY ACCESSORY;HCP4252WX/XAA,P59A	S.N.A
..2	T0685	4301-000103	BATTERY-ALKALINE;1.5V,750mAH,AAA,10.5x44	

Level	Loc.No.	Code No.	Description;Specification	Remark
..2		AA68-00371C	CARD WARRANTY-03;,SEA,W/P100(G),1 YEAR	S.N.A
..2	1	AA68-40065B	CARD-01,REGISTRATION;,SEA,A5,ENG,A/P220,	S.N.A
..2	T0074	BP59-00058A	REMOCON;CHAMP-2,TM76A,47,PJT,EX,SAMSUNG,	
...3	T0119	AA09-00371A	IC MICOM;SZTM-839C R-52MX,28PIN,16KBYTE,	
...3	T0122	2802-000194	RESONATOR-CERAMIC;8MHz,1.0%,TP,8.5x4.5x5	
..2	M0156	BP68-00289A	MANUAL USERS-01;HCP4252WX,Eng,W/P 120g,B	S.N.A
..2		BP68-00339A	MANUAL USERS-QUICK GUIDE;HCP4252W,XAA,EN	S.N.A
..2	0	AA68-03242B	MANUAL-SAFETY GUIDE;TH-ENG,SAFETY GUIDE	S.N.A
..2	T0524	6902-000009	BAG PE;HDPE,T0.03,L400,W240,TRP,8,2,PE M	S.N.A

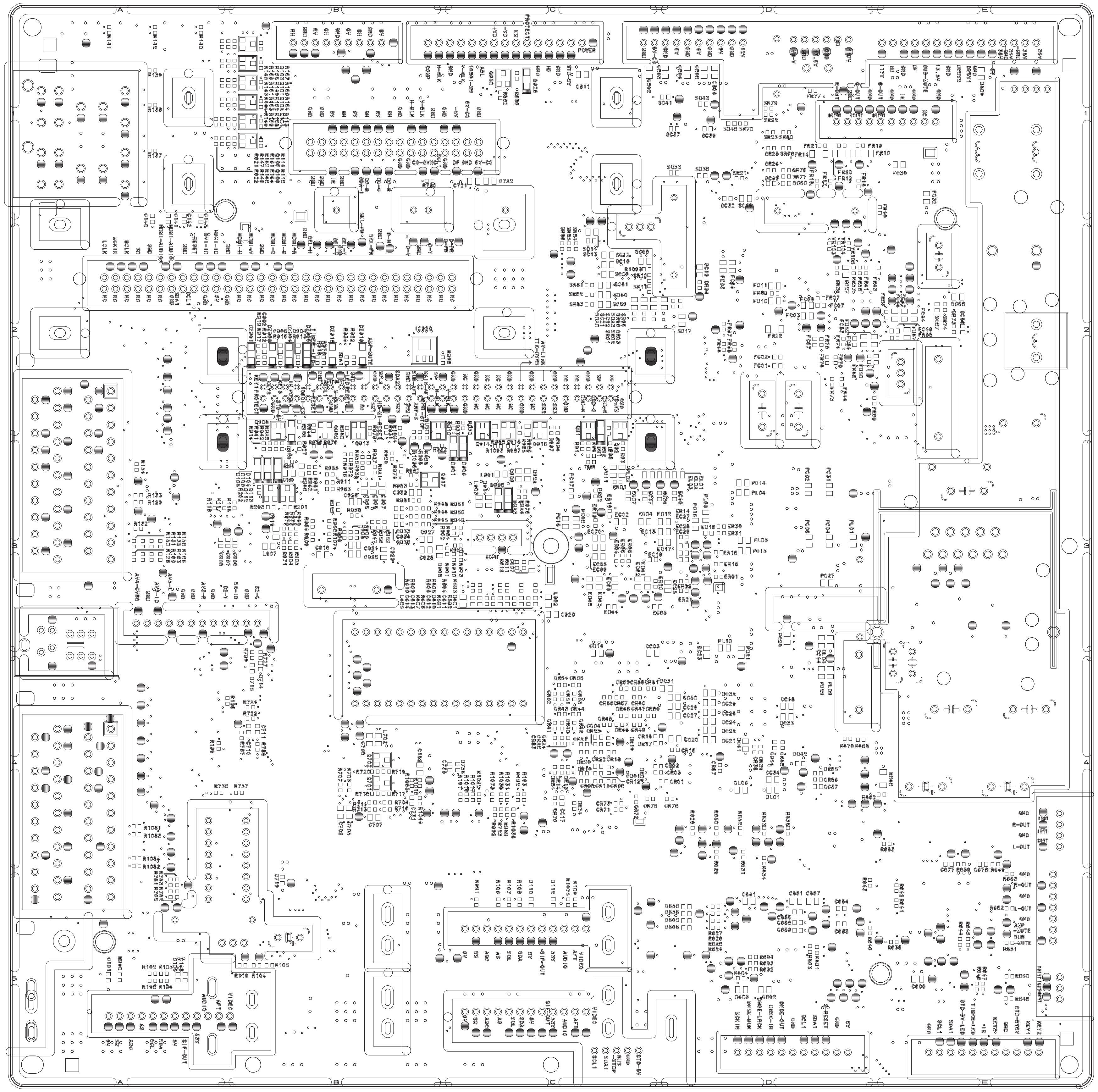
Level	Loc.No.	Code No.	Description;Specification	Remark

6. PCB Diagrams

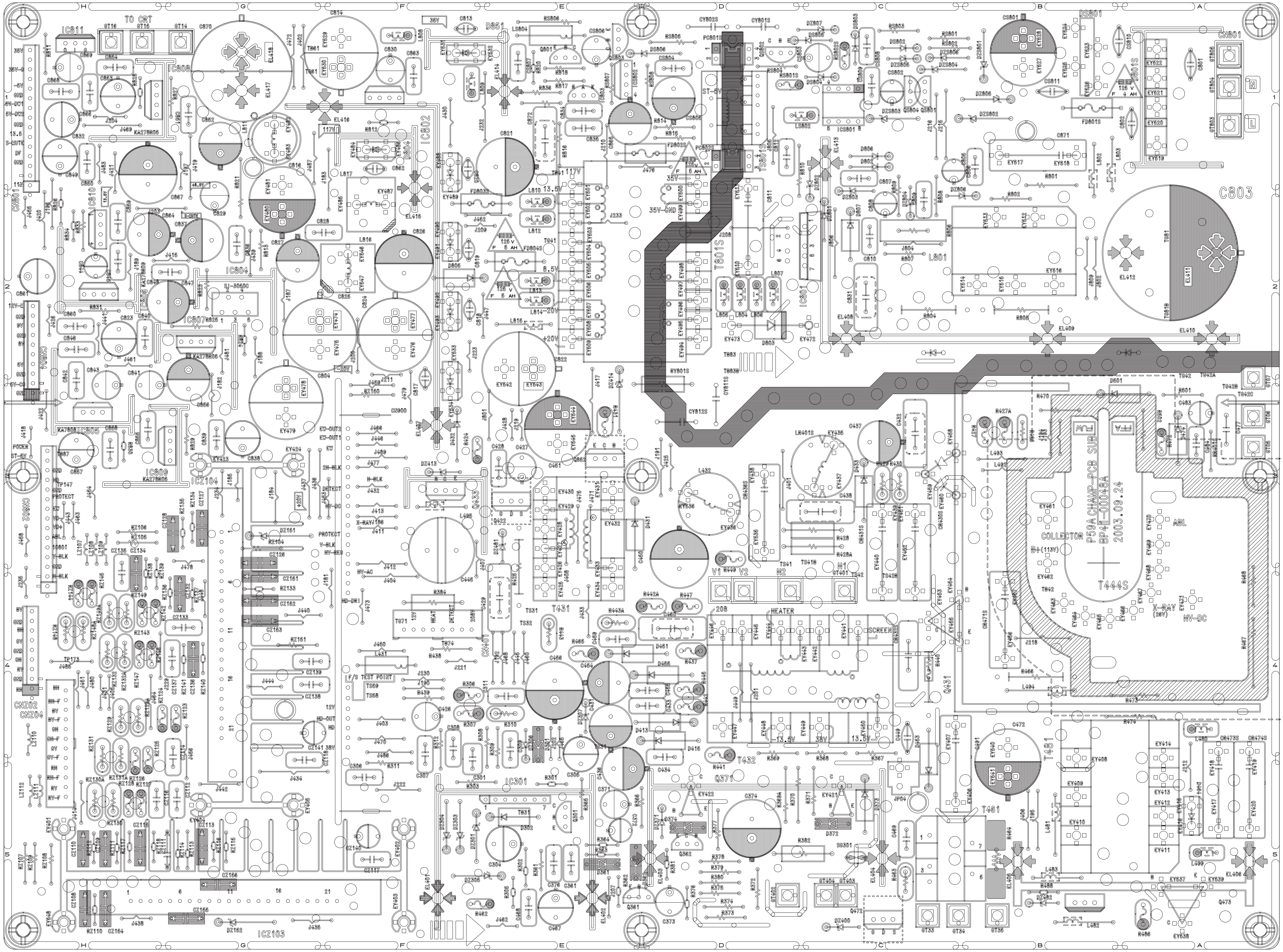
6-1 MAIN (TOP)


CHAMP MAIN
BP41-00047A
2003.09.26

6-2 MAIN (BOTTOM)



6-3 SUB PCB


TO CRT
C803
T444S
COLLECTOR
HEATER
SCREEN
X-RAY
ABL
HV-DC
IC301
T461
T431
T432
CN801

Loc.No.	Position
T444B	G/3
Q473	H/2
Q431	F/3
IC301	E/2
IC421	G/2
OC801S	A/3
IC802S	A/2
IC831S	B/3
CN801	A/2
CN802	A/1
CN401	E/1
FP801S	D/4
TU100	C/1
TU102	C/1
IC800	A/4
IC802	B/5
IC804	B/5
IC803	A/1
IC601	C/4
IC602	D/3
IC604	A/3
IC300	E/3
IC301	E/1
CN300	D/3
CN801	A/5
CN803	B/5
CN900	A/1

7. Schematic Diagrams

7-1 MAIN 1

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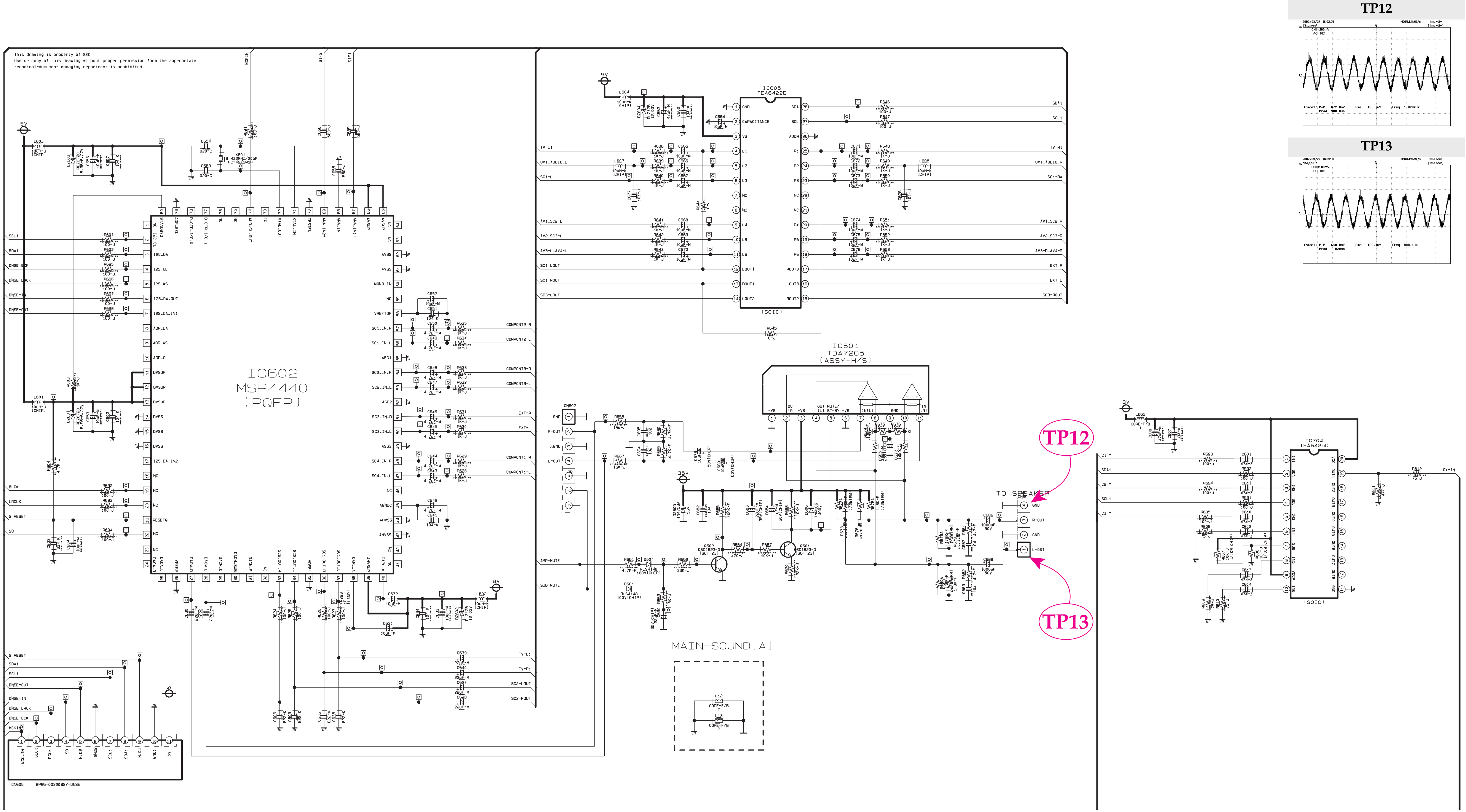
TP12
TP13
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technical-document managing department is prohibited.
IC602
MSP4440
(PQFP)
IC605
TEA6422D
(SOIC)
IC601
TDA7265
(ASSY-H/S)
IC704
TEA6425D
(SOIC)
CN602
TO SPEAKER
GND
R-OUT
GND
L-OUT
MAIN-SOUND[A]
CN605
BP95-00220B SY-DNSE
5V
8V
35V
MCKIN
SIF2
SIF1
SCL1
SDA1
TV-L1
TV-R1
DVI.AUDIO.L
DVI.AUDIO.R
SC1-L
SC1-RA
AV1.SC2-L
AV1.SC2-R
AV2.SC3-L
AV2.SC3-R
AV3-L.AV4-L
AV3-R.AV4-R
SC1-LOUT
SC1-ROUT
SC3-LOUT
SC3-ROUT
EXT-R
EXT-L
COMPONT2-R
COMPONT2-L
COMPONT3-R
COMPONT3-L
COMPONT1-R
COMPONT1-L
AMP-MUTE
SUB-MUTE
S-RESET
BLCK
LRCLK
SD
DNSE-BCK
DNSE-LRCK
DNSE-IN
DNSE-OUT
DNSE-LOUT
SC2-LOUT
SC2-ROUT
C1-Y
C2-Y
C3-Y
CY-IN

7-2 MAIN 2

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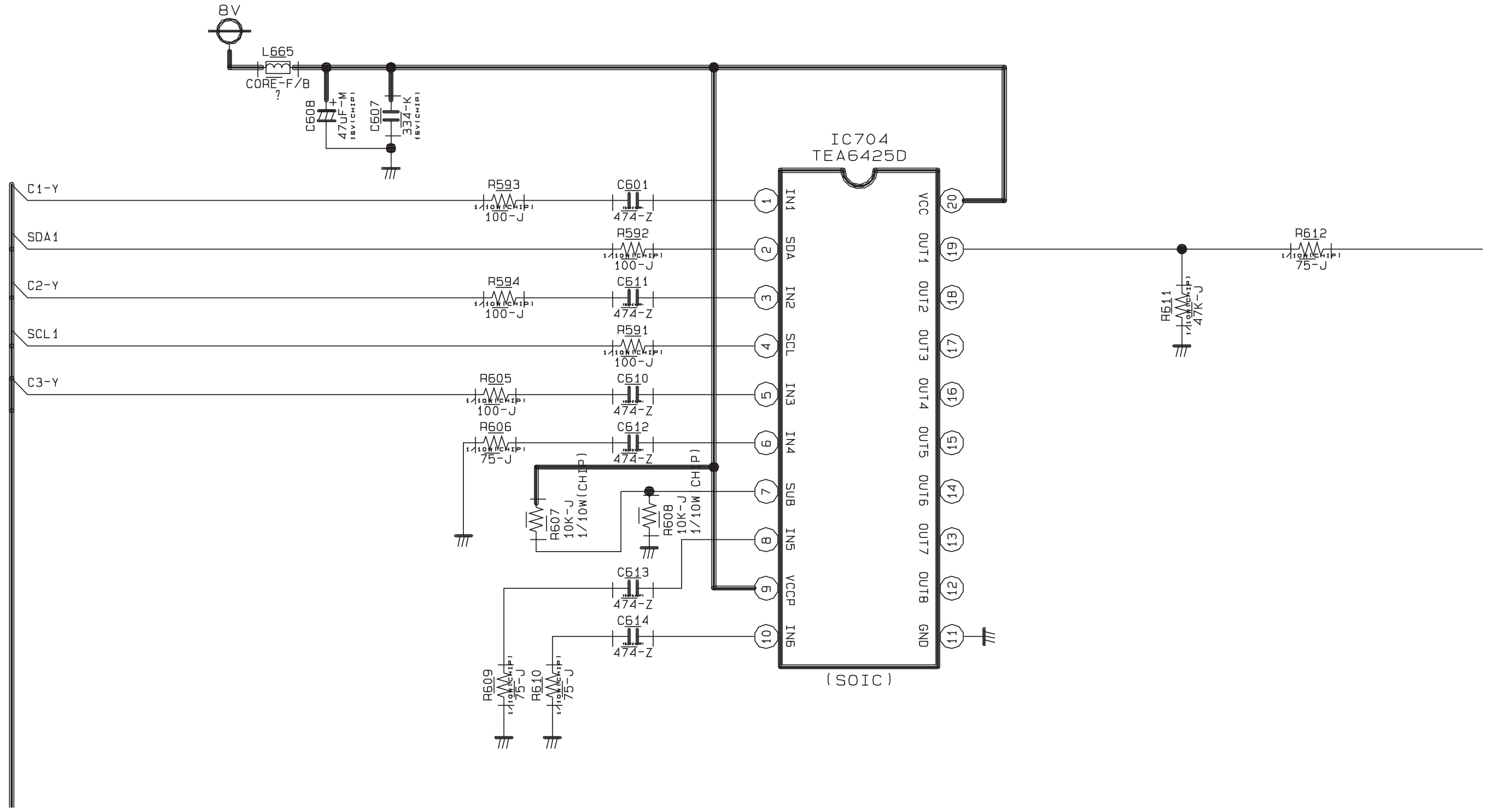
8V
L665
CORE-F/B
?
C608
47uF-M
16V(CHIP)
C607
334-K
16V(CHIP)
IC704
TEA6425D
C1-Y
SDA1
C2-Y
SCL1
C3-Y
R593
1/10W(CHIP)
100-J
C601
474-Z
R592
100-J
R594
100-J
C611
474-Z
R591
100-J
R605
100-J
C610
474-Z
R606
75-J
C612
474-Z
R607
10K-J
1/10W(CHIP)
R608
10K-J
1/10W CHIP)
C613
474-Z
C614
474-Z
R609
75-J
R610
75-J
1 IN1
2 SDA
3 IN2
4 SCL
5 IN3
6 IN4
7 SUB
8 IN5
9 VCCP
10 IN6
20 VCC
19 OUT1
18 OUT2
17 OUT3
16 OUT4
15 OUT5
14 OUT6
13 OUT7
12 OUT8
11 GND
(SOIC)
R611
47K-J
R612
75-J

7-3 MAIN 3

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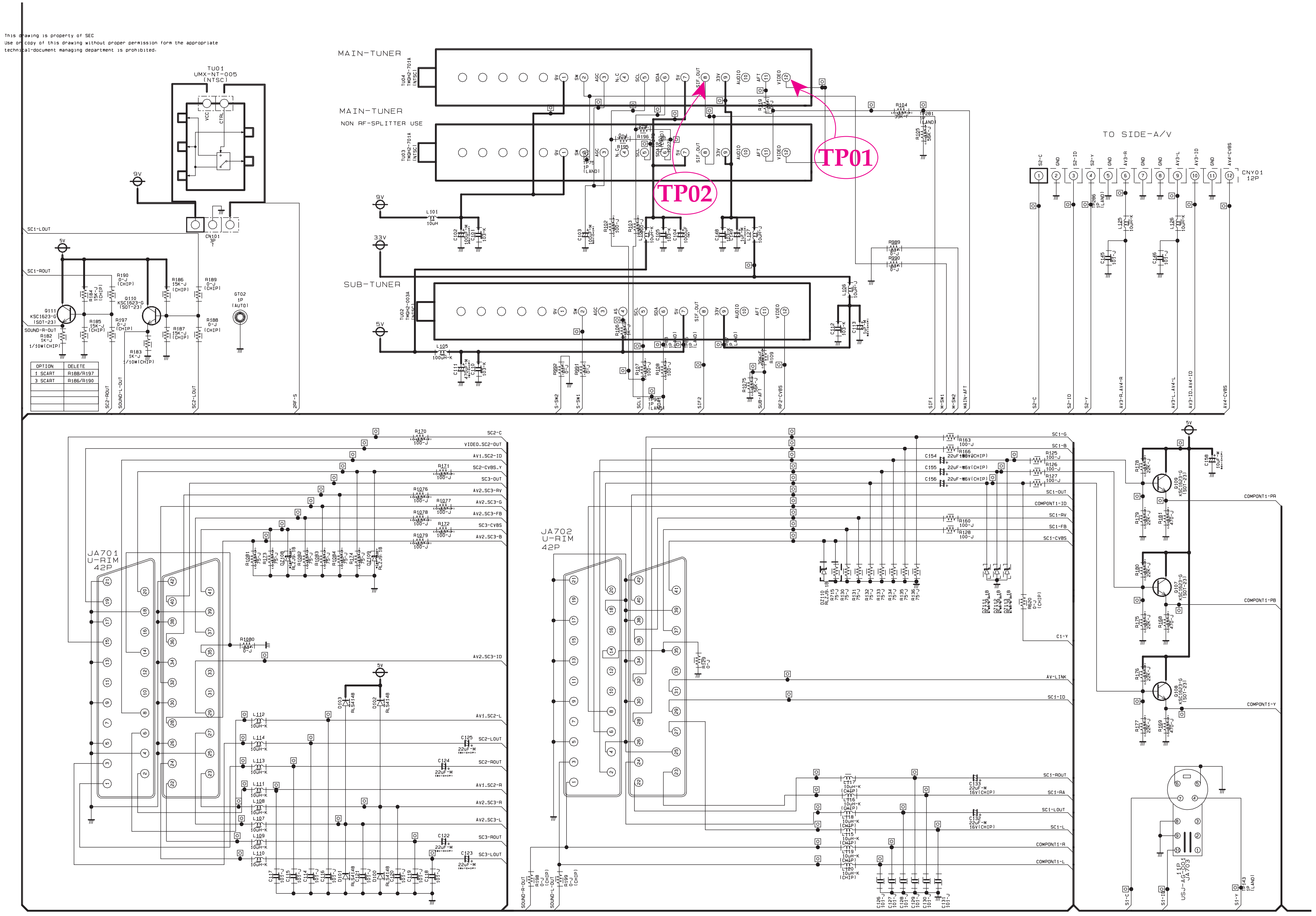
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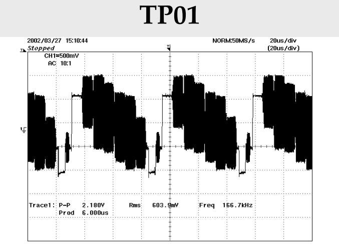
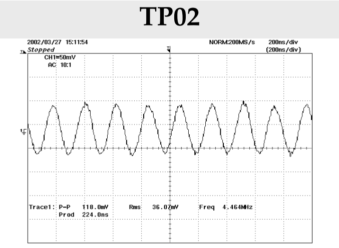
TU01
UMX-NT-005
(NTSC)
VCC
CTRL
9V
CN101
3P
MAIN-TUNER
TU04
TMQH2-701A
(NTSC)
9V
SW
AGC
N.C
SCL
SDA
5V
SIF_OUT
33V
AUDIO
AFT
VIDEO
MAIN-TUNER
NON RF-SPLITTER USE
TU03
TMQH2-701A
(NTSC)
TP01
TP02
R104
R105
R196
12V
L101
10uH
C102
C101
C103
C104
33V
SUB-TUNER
TU02
TMQH2-003A
(NTSC)
5V
L105
100uH-K
C111
C110
C112
C113
L106
R989
R990
SC1-LOUT
SC1-ROUT
5V
R190
R184
R186
R189
Q111
KSC1623-G
(SOT-23)
Q110
KSC1623-G
(SOT-23)
R185
R197
R187
R188
R182
1K-J
1/10W(CHIP)
R183
1K-J
1/10W(CHIP)
SOUND-R-OUT
GT02
1P
(AUTO)
OPTION
DELETE
1 SCART
R188/R197
3 SCART
R186/R190
SC2-ROUT
SOUND-L-OUT
SC2-LOUT
RF-S
S-SW2
S-SW1
SCL
SIF2
SUB-AFT
RF2-CVBS
SIF1
M-SW1
M-SW2
MAIN-AFT
TO SIDE-A/V
S2-C
GND
S2-ID
S2-Y
AV3-R
AV3-L
AV3-ID
AV4-CVBS
CNY01
12P
L125
L126
C145
C146
S2-C
S2-ID
S2-Y
AV3-R,AV4-R
AV3-L,AV4-L
AV3-ID,AV4-ID
AV4-CVBS
R170
R171
R1076
R1077
R1078
R1079
R172
SC2-C
VIDEO.SC2-OUT
AV1.SC2-ID
SC2-CVBS.Y
SC3-OUT
AV2.SC3-RV
AV2.SC3-G
AV2.SC3-FB
SC3-CVBS
AV2.SC3-B
JA701
U-RIM
42P
R1080
AV2.SC3-ID
5V
D103
RLS4148
D102
RLS4148
L112
L114
L113
L111
L108
L107
L109
L110
C125
C124
C122
C123
AV1.SC2-L
SC2-LOUT
SC2-ROUT
AV1.SC2-R
AV2.SC3-R
AV2.SC3-L
SC3-ROUT
SC3-LOUT
JA702
U-RIM
42P
R199
R198
SOUND-R-OUT
SOUND-L-OUT
R163
R166
R125
R126
R127
C154
C155
C156
R160
R128
SC1-G
SC1-B
SC1-OUT
COMPONT1-ID
SC1-RV
SC1-FB
SC1-CVBS
C1-Y
AV-LINK
SC1-ID
L117
L116
L118
L115
L119
L120
C133
C132
SC1-ROUT
SC1-RA
SC1-LOUT
SC1-L
COMPONT1-R
COMPONT1-L
5V
Q109
KSC1623-G
(SOT-23)
Q107
KSC1623-G
(SOT-23)
Q108
KSC1623-G
(SOT-23)
R178
R179
R181
R180
R175
R168
R176
R177
R169
COMPONT1-PR
COMPONT1-PB
COMPONT1-Y
USJ-AC-012
JA703
S1-C
S1-ID
S1-Y





7-4 MAIN 4

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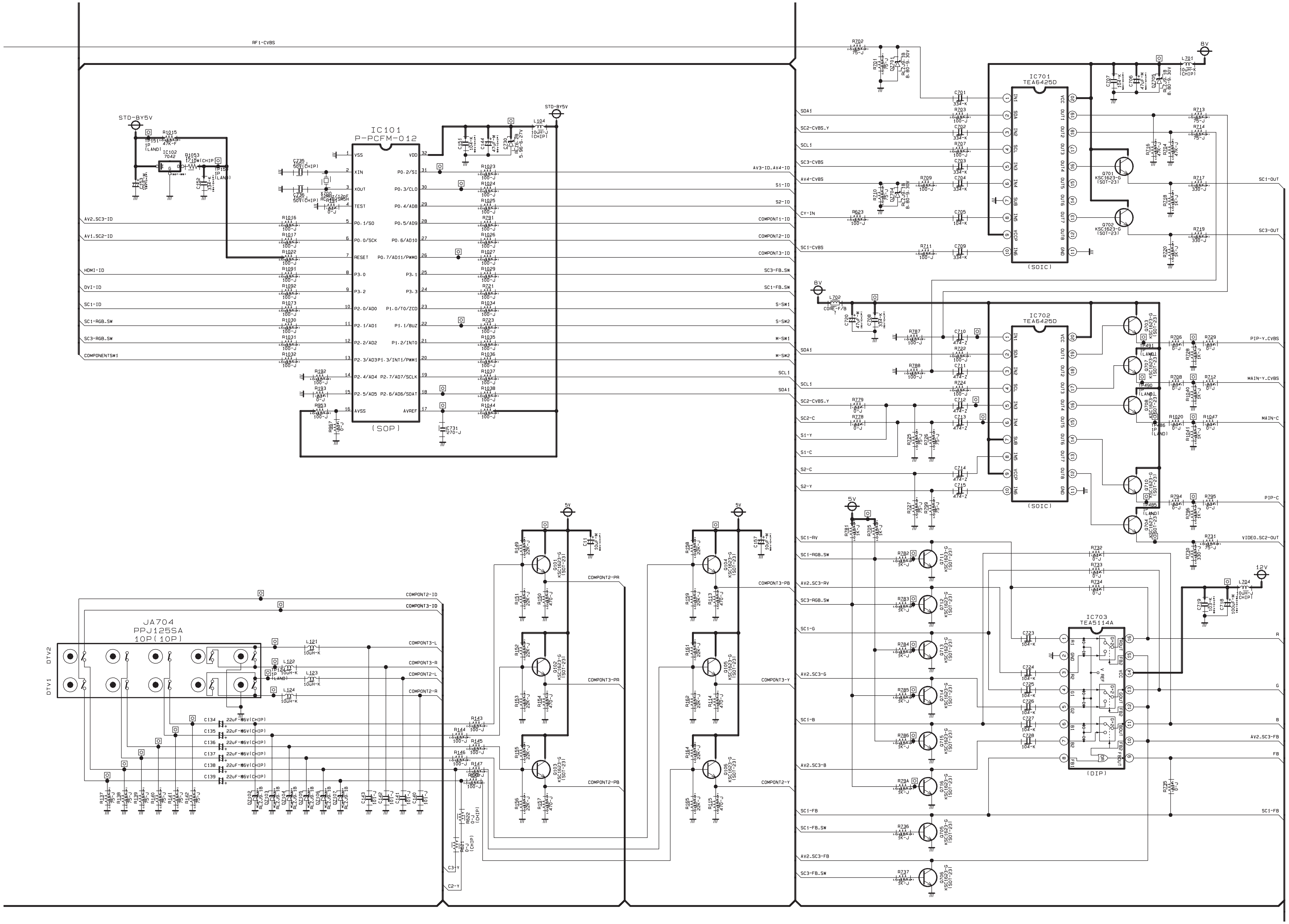
RF1-CVBS
STD-BY5V
IC101
P-PCFM-012
(SOP)
IC701
TEA6425D
IC702
TEA6425D
(SOIC)
IC703
TEA5114A
(DIP)
JA704
PPJ125SA
10P(10P)
DTV1
DTV2
8V
5V
12V
SDA1
SCL1
SC2-CVBS.Y
SC3-CVBS
AV4-CVBS
CY-IN
SC1-CVBS
SC1-OUT
SC3-OUT
PIP-Y.CVBS
MAIN-Y.CVBS
MAIN-C
PIP-C
VIDEO.SC2-OUT
AV3-ID.AV4-ID
S1-ID
S2-ID
COMPONT1-ID
COMPONT2-ID
COMPONT3-ID
SC3-FB.SW
SC1-FB.SW
S-SW1
S-SW2
M-SW1
M-SW2
AV2.SC3-ID
AV1.SC2-ID
HDMI-ID
DVI-ID
SC1-ID
SC1-RGB.SW
SC3-RGB.SW
COMPONENTSW1
COMPONT2-PR
COMPONT3-PB
COMPONT3-PR
COMPONT3-Y
COMPONT2-PB
COMPONT2-Y
COMPONT3-L
COMPONT3-R
COMPONT2-L
COMPONT2-R
SC2-C
S1-Y
S1-C
S2-C
S2-Y
SC1-RV
AV2.SC3-RV
SC1-G
AV2.SC3-G
SC1-B
AV2.SC3-B
SC1-FB
AV2.SC3-FB
R
G
B
FB
C3-Y
C2-Y

7-5 MAIN 5

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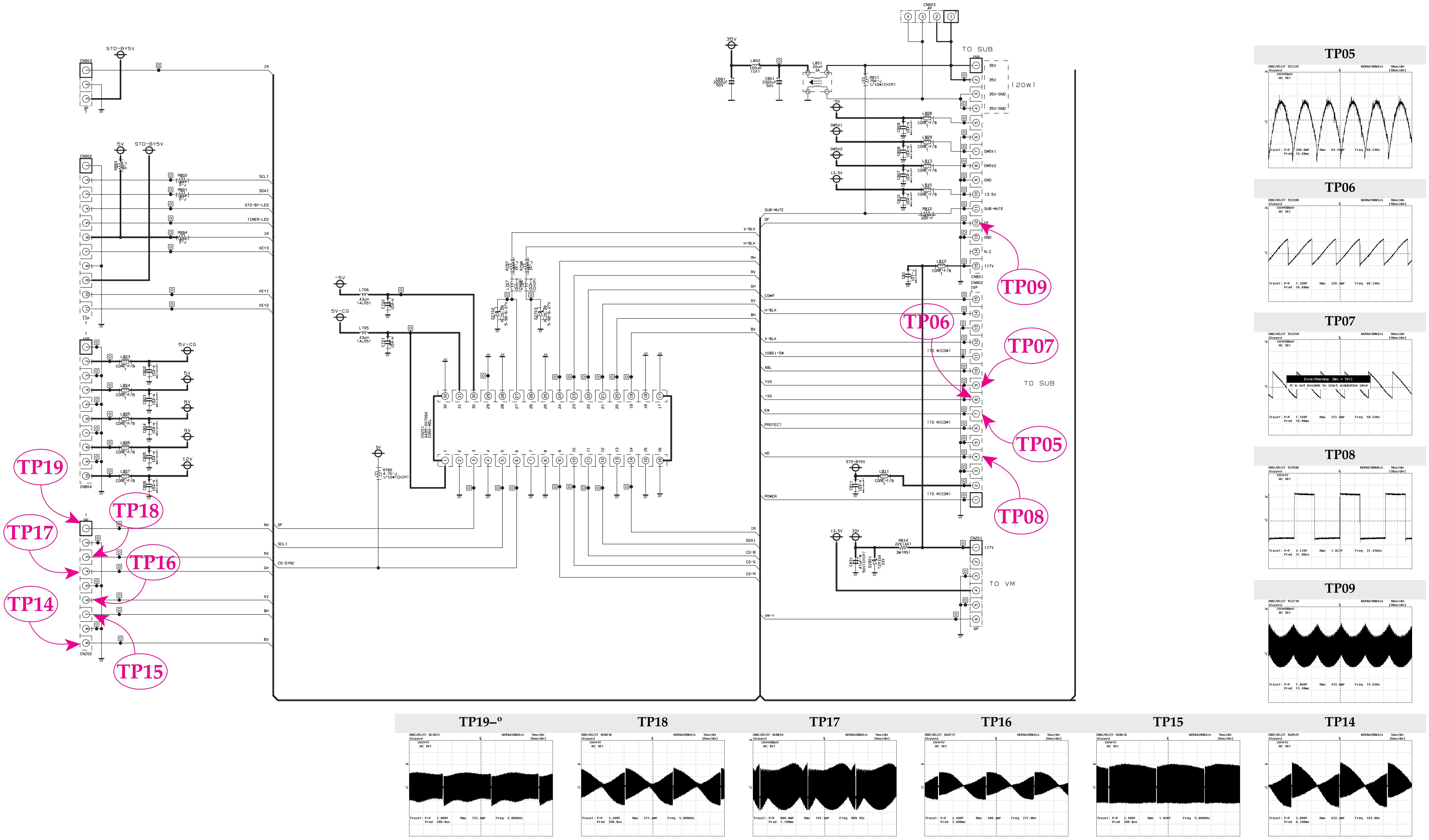
CN603
TO SUB
35V
35V-GND
(20W)
DM5V1
DM5V2
GND
13.5V
SUB-MUTE
N.C
117V
CN801
CN802
TO SUB
TO VM
CN201
STD-BY5V
5V
5V-CG
-15V
CN903
CN902
CN904
CN202
SCL1
SDA1
STD-BY-LED
TIMER-LED
IR
KEY3
KEY1
KEY2
V-BLK
H-BLK
RH
RV
GH
GV
BH
BV
COMP
1080i-SW
ABL
+VD
-VD
EW
PROTECT
HD
POWER
VM-Y
CG-SYNC
CG-B
CG-G
CG-R
(TO MICOM)
L705
L706
R780
8V
9V
12V
TP05
TP06
TP07
TP08
TP09
TP14
TP15
TP16
TP17
TP18
TP19
TP19–°

7-6 MAIN 6

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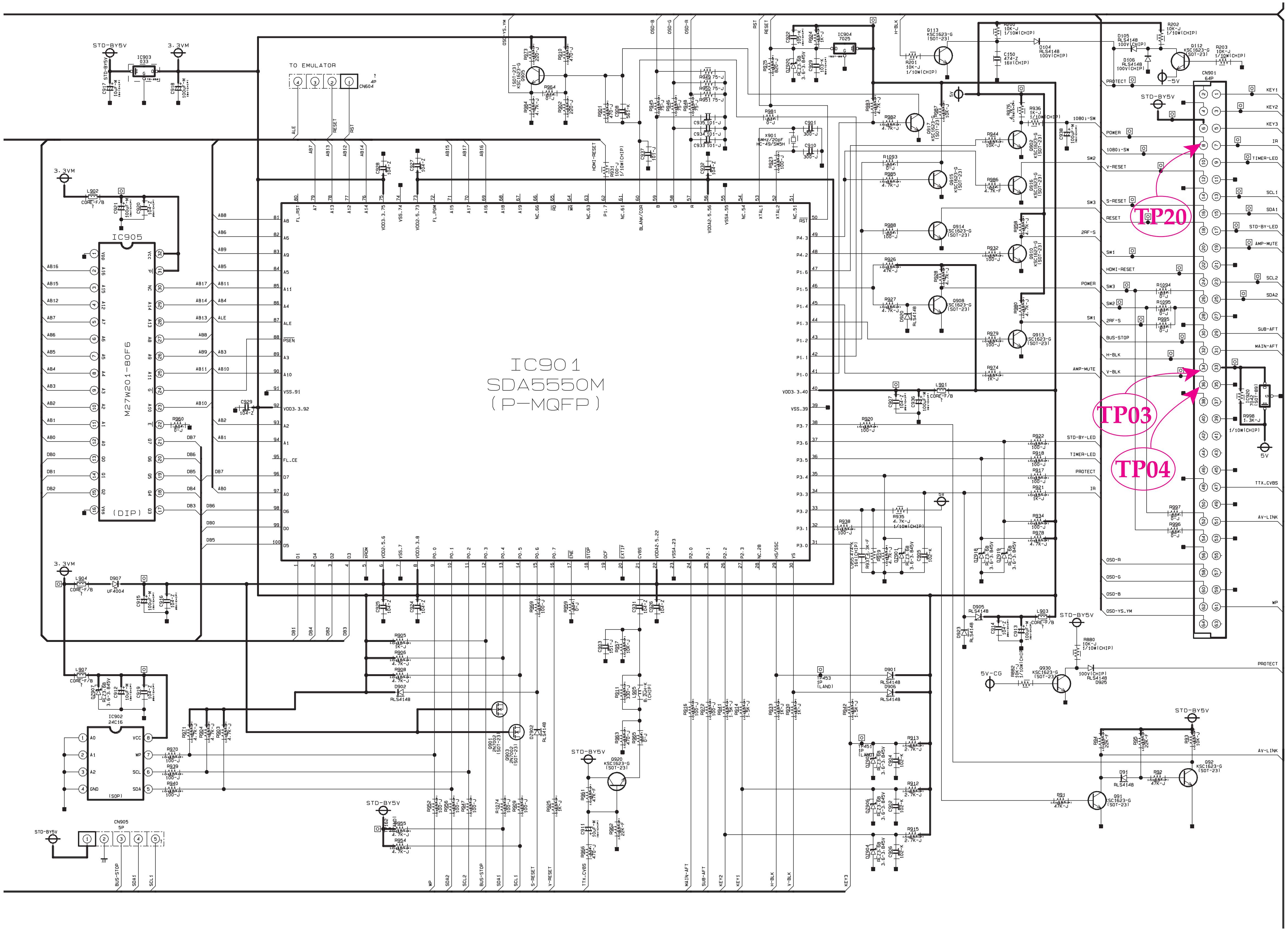
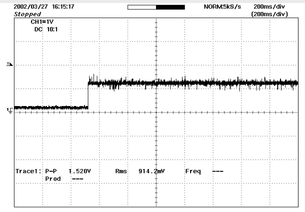
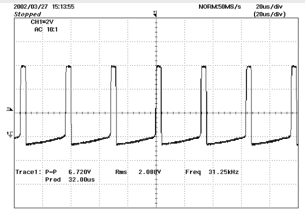

IC901
SDA5550M
(P-MQFP)
IC905
M27W201-80F6
(DIP)
IC902
24C16
(SOP)
IC903
033
IC904
7025
CN901
64P
CN604
CN905
5P
TO EMULATOR
X901
6MHz/20pF
TP20
TP03
TP04

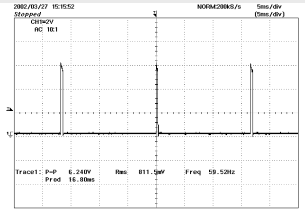
TP20



TP03



TP04



7-7 MAIN 7

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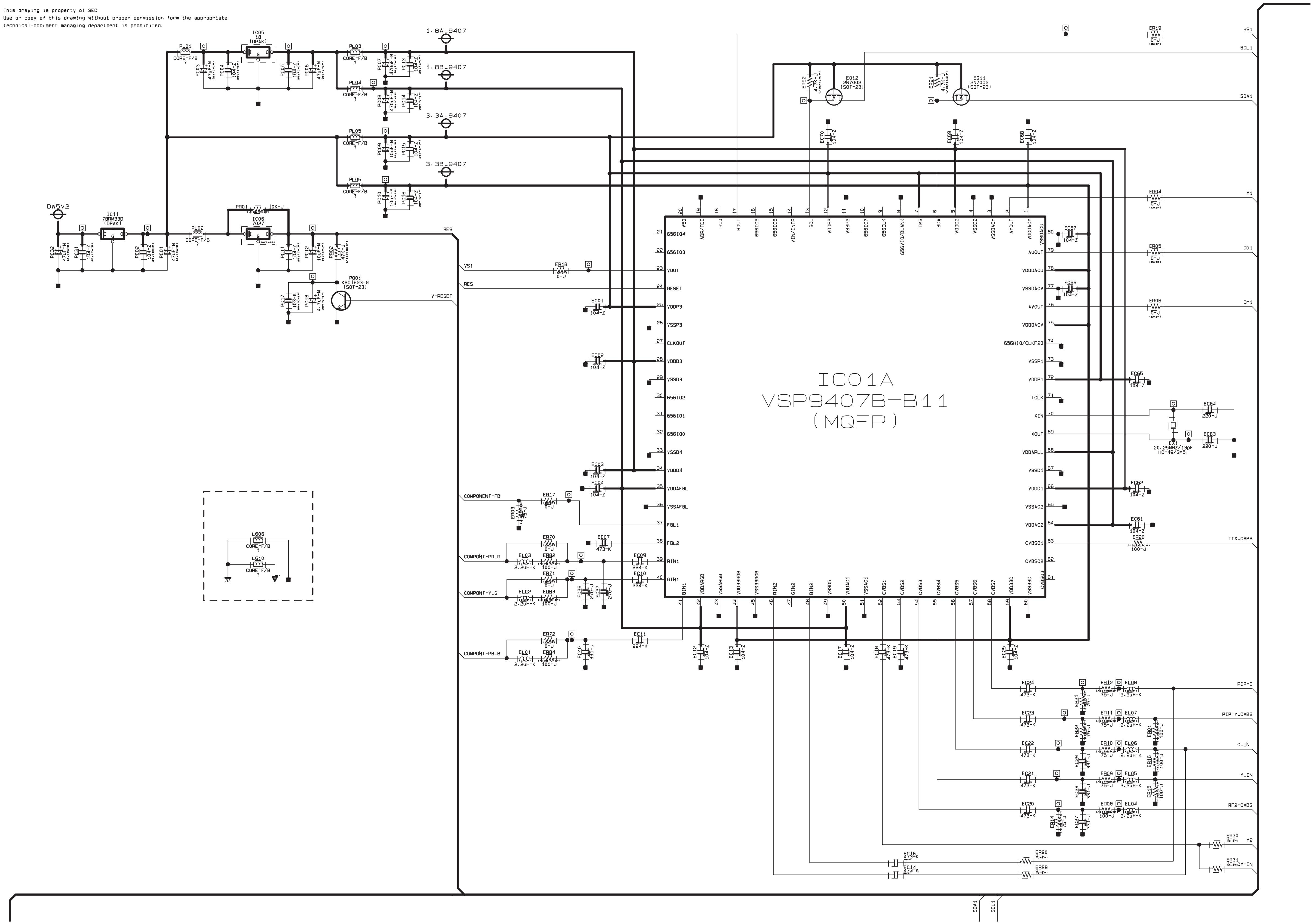
IC01A
VSP9407B-B11
(MQFP)
1.8A_9407
1.8B_9407
3.3A_9407
3.3B_9407
DW5V2
IC11
78RM33D
(DPAK)
IC05
18
(DPAK)
IC06
7027
PR01
10K-J
PQ01
KSC1623-G
(SOT-23)
EQ12
2N7002
(SOT-23)
EQ11
2N7002
(SOT-23)
EX01
20.25MHz/13pF
HC-49/SM5H
PL01
PL02
PL03
PL04
PL05
PL06
CORE-F/B
L606
L610
RES
VS1
V-RESET
COMPONENT-FB
COMPONT-PR_R
COMPONT-Y_G
COMPONT-PB_B
HS1
SCL1
SDA1
Y1
Cb1
Cr1
TTX_CVBS
PIP-C
PIP-Y_CVBS
C_IN
Y_IN
RF2-CVBS
Y2
CY-IN
SDA1
SCL1
656IO4
656IO3
VOUT
RESET
VDDP3
VSSP3
CLKOUT
VDDD3
VSSD3
656IO2
656IO1
656IO0
VSSD4
VDDD4
VDDAFBL
VSSAFBL
FBL1
FBL2
RIN1
GIN1
BIN1
VDDARGB
VSSARGB
VDD33RGB
VSS33RGB
RIN2
GIN2
BIN2
VSSO5
VDDAC1
VSSAC1
CVBS1
CVBS2
CVBS3
CVBS4
CVBS5
CVBS6
CVBS7
VDD33C
VSS33C
CVBSO3
CVBSO2
CVBSO1
VDDAC2
VSSAC2
VDDD1
VSSD1
VDDAPLL
XOUT
XIN
TCLK
VDDP1
VSSP1
656HIO/CLKF20
VDDDACV
AVOUT
VSSDACV
VDDDACU
AUOUT
VSSDACU
VDDDACY
AYOUT
VSSDACY
VSSD2
VDDD2
SDA
TMS
656VIO/BLANK
656CLK
656IO7
VSSP2
VDDP2
SCL
VIN/INTR
656IO6
656IO5
HOUT
HSO
ADR/TDI
VSO

7-8 MAIN 8

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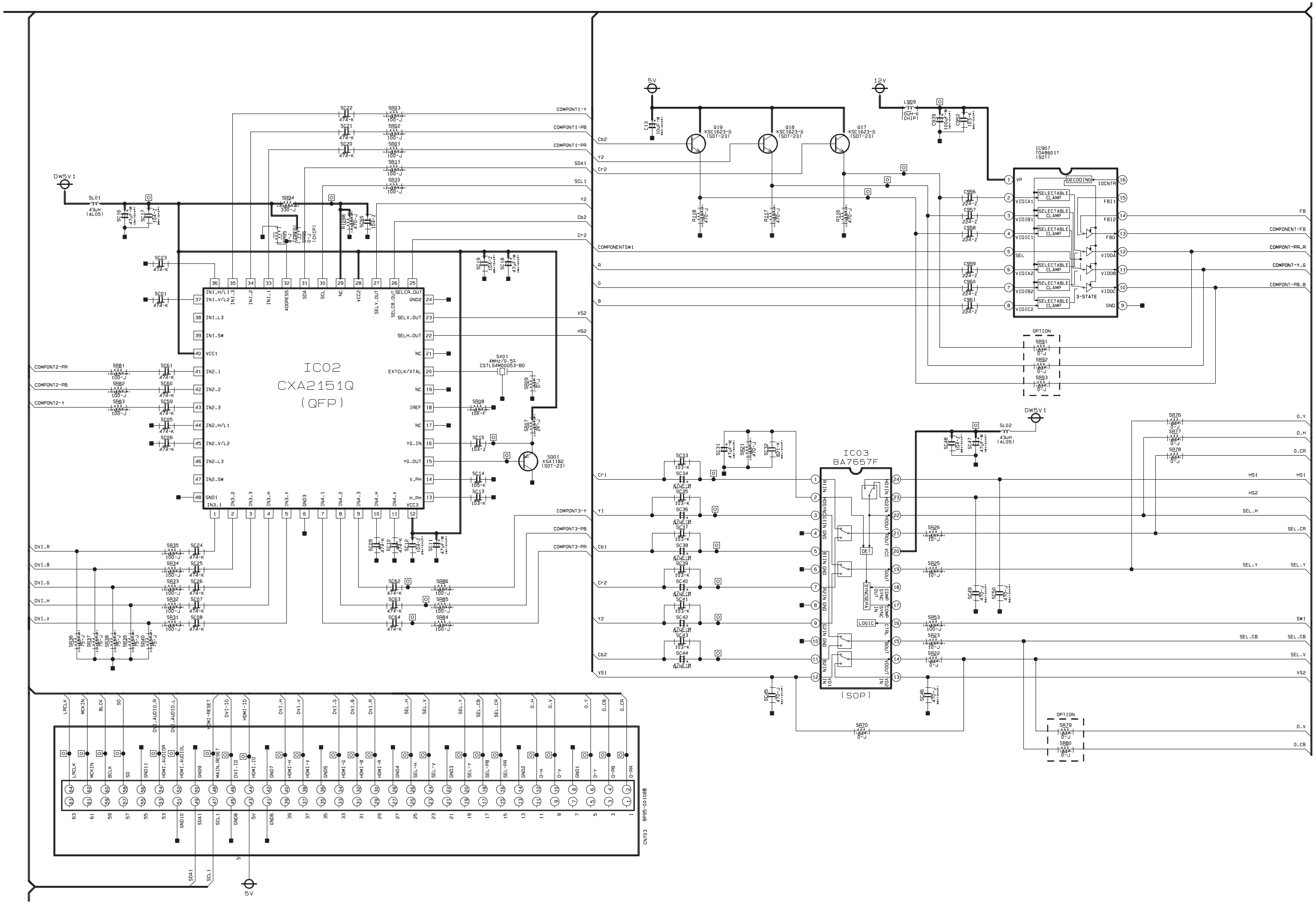
IC02
CXA2151Q
(QFP)
IC03
BA7657F
(SOP)
IC907
TDA8601T
(SOT)
DW5V1
SL01
43uH
(AL05)
SL02
5V
12V
L909
10uH-K
(CHIP)
Q19
KSC1623-G
(SOT-23)
Q18
KSC1623-G
(SOT-23)
Q17
KSC1623-G
(SOT-23)
SQ01
KSA1182
(SOT-23)
SX01
4MHz/0.5%
CSTLS4M00G53-B0
SELECTABLE CLAMP
DECODING
3-STATE
DET
SYNCSEPA
LOGIC
OPTION
COMPONT1-Y
COMPONT1-PB
COMPONT1-PR
SDA1
SCL1
Y2
Cb2
Cr2
COMPONENTSW1
R
G
B
VS2
HS2
COMPONT2-PR
COMPONT2-PB
COMPONT2-Y
COMPONT3-Y
COMPONT3-PB
COMPONT3-PR
Cr1
Y1
Cb1
VS1
DVI_R
DVI_B
DVI_G
DVI_H
DVI_V
FB
COMPONENT-FB
COMPONT-PR_R
COMPONT-Y_G
COMPONT-PB_B
O_Y
O_H
O_CR
HS1
SEL_H
SEL_CR
SEL_Y
SW1
SEL_CB
SEL_V
O_V
O_CB
LRCLK
MCKIN
BCLK
SD
DVI_AUDIO_R
DVI_AUDIO_L
HDMI-RESET
DVI_ID
HDMI_ID
MAIN_RESET
GND10
SDA1
SCL1
GND8
5V
GND6
CN703
BP95-00108B

7-9 MAIN 9

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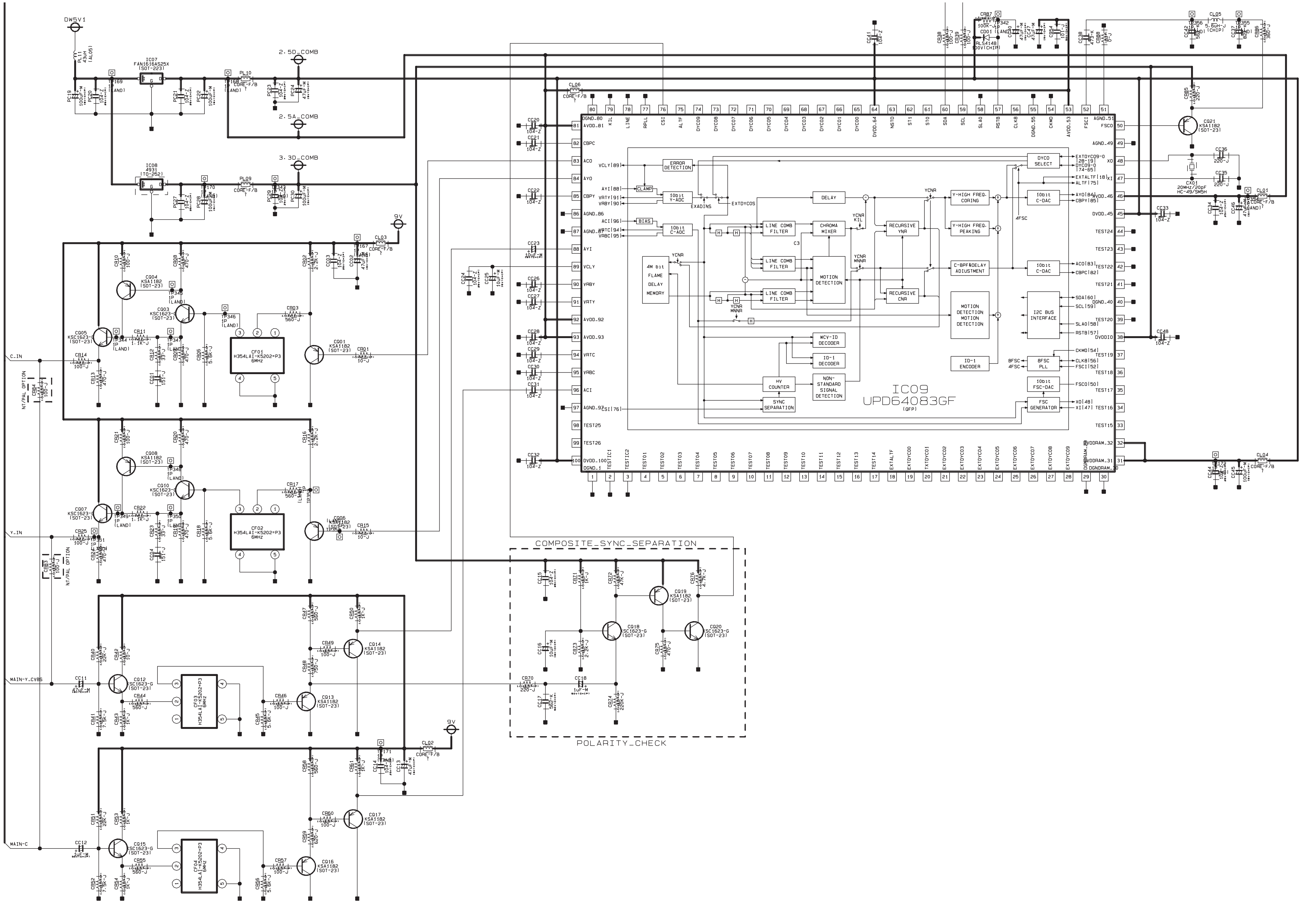
DW5V1
IC07
FAN1616AS25X
(SOT-223)
2.5D_COMB
2.5A_COMB
3.3D_COMB
IC08
4931
(TO-252)
PL10
CORE-F/B
PL09
CORE-F/B
CL06
CORE-F/B
9V
CL03
CORE-F/B
C.IN
Y.IN
MAIN-Y.CVBS
MAIN-C
NT/PAL OPTION
CQ04
KSA1182
(SOT-23)
CQ03
KSC1623-G
(SOT-23)
CQ05
KSC1623-G
(SOT-23)
CF01
H354LAI-K5202*P3
6MHz
CQ01
KSA1182
(SOT-23)
CQ08
KSA1182
(SOT-23)
CQ10
KSC1623-G
(SOT-23)
CQ07
KSC1623-G
(SOT-23)
CF02
H354LAI-K5202*P3
6MHz
CQ06
KSA1182
(SOT-23)
CQ12
KSC1623-G
(SOT-23)
CF03
H354LAI-K5202*P3
6MHz
CQ14
KSA1182
(SOT-23)
CQ13
KSA1182
(SOT-23)
CQ15
KSC1623-G
(SOT-23)
CF04
H354LAI-K5202*P3
6MHz
CQ17
KSA1182
(SOT-23)
CQ16
KSA1182
(SOT-23)
CL02
CORE-F/B
COMPOSITE_SYNC_SEPARATION
CQ19
KSA1182
(SOT-23)
CQ18
KSC1623-G
(SOT-23)
CQ20
KSC1623-G
(SOT-23)
POLARITY_CHECK
IC09
UPD64083GF
(QFP)
ERROR DETECTION
CLAMP
10bit Y-ADC
BIAS
10bit C-ADC
4M bit FLAME DELAY MEMORY
DELAY
LINE COMB FILTER
CHROMA MIXER
MOTION DETECTION
RECURSIVE YNR
RECURSIVE CNR
Y-HIGH FREQ. CORING
Y-HIGH FREQ. PEAKING
C-BPF&DELAY ADJUSTMENT
DYCO SELECT
10bit C-DAC
I2C BUS INTERFACE
MOTION DETECTION MOTION DETECTION
WCV-ID DECODER
ID-1 DECODER
ID-1 ENCODER
HV COUNTER
NON-STANDARD SIGNAL DETECTION
SYNC SEPARATION
8FSC PLL
10bit FSC-DAC
FSC GENERATOR
CQ21
KSA1182
(SOT-23)
CX01
20MHz/20pF
HC-49/SMSH
CL01
CORE-F/B
CL04
CORE-F/B
CL05
5.6uH-J
(CHIP)
CD01
RLS4148
(50V)(CHIP)

7-10 MAIN 10

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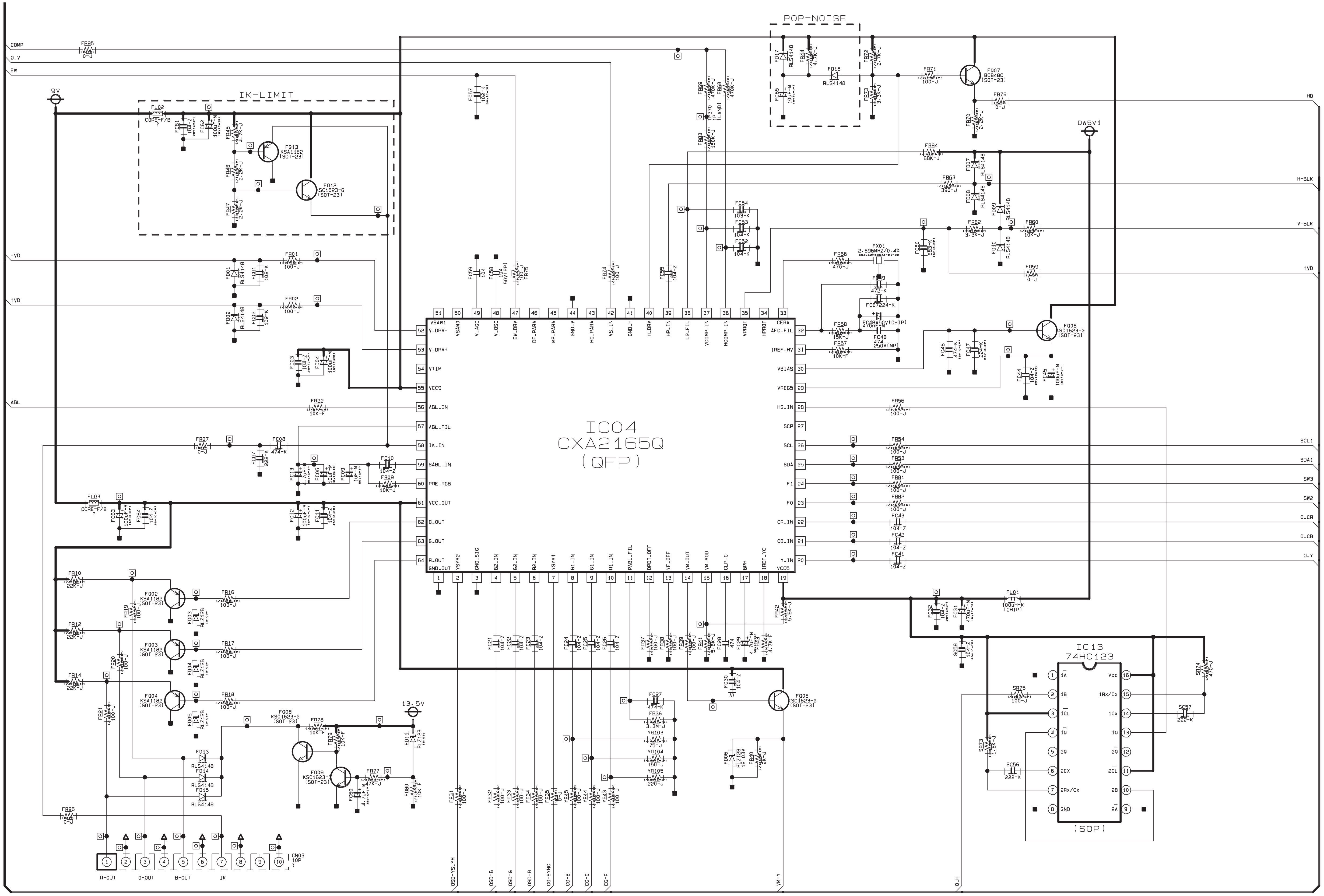
COMP
O.V
EW
9V
IK-LIMIT
POP-NOISE
-VD
+VD
ABL
HD
DW5V1
H-BLK
V-BLK
+VD
SCL1
SDA1
SW3
SW2
O.CR
O.CB
O.Y
IC04
CXA2165Q
(QFP)
IC13
74HC123
(SOP)
13.5V
CN03
10P
R-OUT
G-OUT
B-OUT
IK
OSD-YS.YM
OSD-B
OSD-G
OSD-R
CG-SYNC
CG-B
CG-G
CG-R
VM-Y
O.H

7-11 SUB 1

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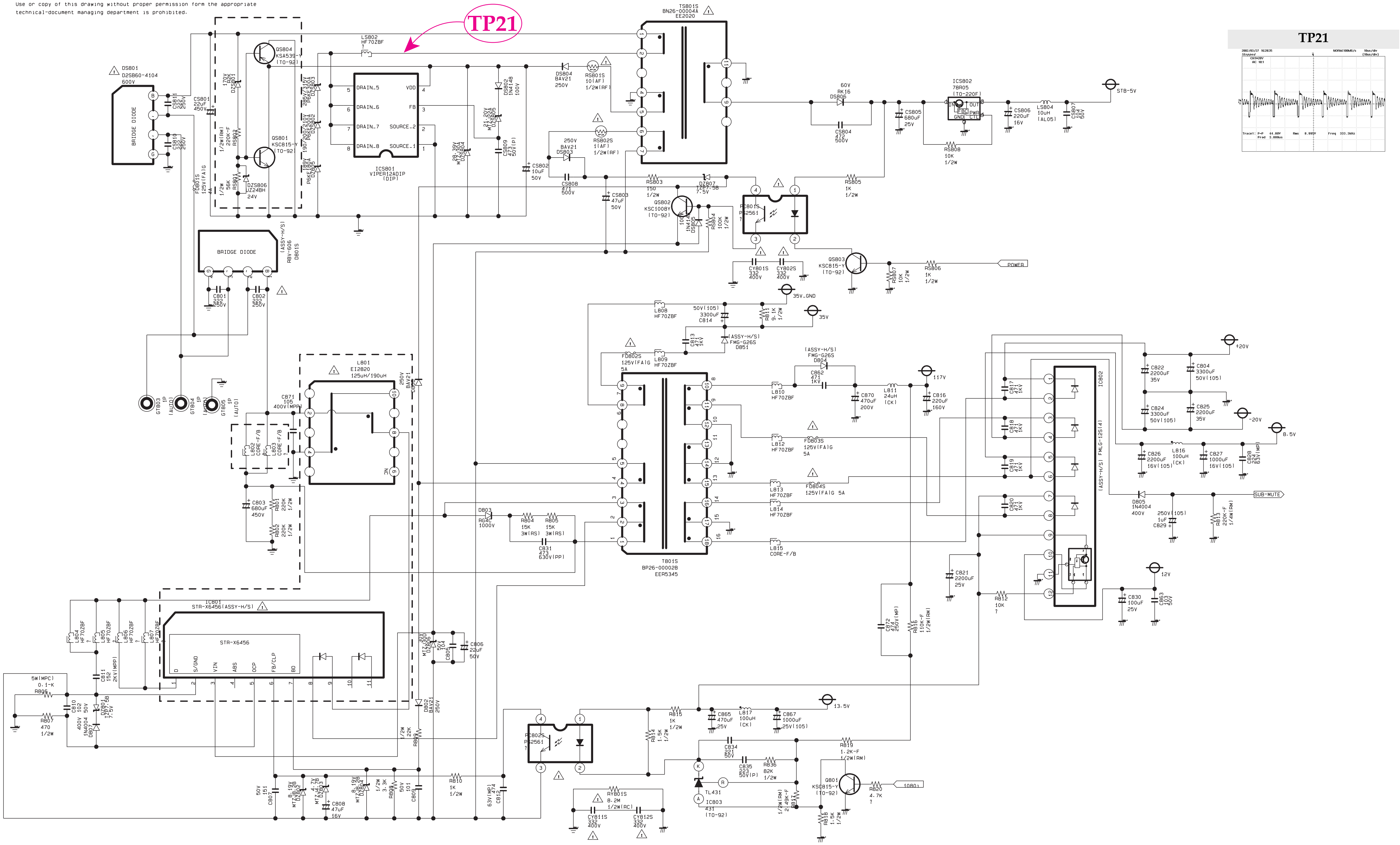
TP21
TP21
DS801
D2SB60-4104
600V
BRIDGE DIODE
CS801
22uF
450V
QS804
KSA539-Y
(TO-92)
QS801
KSC815-Y
(TO-92)
DZS806
UZ24BH
24V
FDS01S
125V(FA)G
4A
LS802
HF70ZBF
ICS801
VIPER12ADIP
(DIP)
DRAIN_5
DRAIN_6
DRAIN_7
DRAIN_8
VDD
FB
SOURCE_2
SOURCE_1
DS804
BAV21
250V
RS801S
10(AF)
1/2W(RF)
DS802
1N4148
100V
CS809
473
50V(P)
CS802
10uF
50V
250V
BAV21
DS803
RS802S
1(AF)
1/2W(RF)
CS808
471
500V
CS803
47uF
50V
RS803
150
1/2W
DZ807
12P7.5B
7.5V
QS802
KSC1008Y
(TO-92)
RS804
10K
1/2W
TS801S
BN26-00004A
EE2020
60V
RK16
DS806
CS804
473
500V
ICS802
78R05
(TO-220F)
IN
OUT
GND
CTL
CS805
680uF
25V
CS806
220uF
16V
LS804
10uH
(AL05)
CS807
104
50V
STB-5V
RS808
10K
1/2W
RS805
1K
1/2W
PC801S
PS2561
CY801S
332
400V
CY802S
332
400V
QS803
KSC815-Y
(TO-92)
RS807
10K
1/2W
RS806
1K
1/2W
POWER
35V_GND
BRIDGE DIODE
(ASSY-H/S)
RBV-606
D801S
C801
222
250V
C802
222
250V
L808
HF70ZBF
50V(105)
3300uF
C814
R811
9.1K
1/2W
35V
C813
471
1KV
(ASSY-H/S)
FMG-G26S
D851
FD802S
125V(FA)G
5A
L809
HF70ZBF
(ASSY-H/S)
FMG-G26S
D804
C862
471
1KV
C870
470uF
200V
L811
24uH
(CK)
117V
C816
220uF
160V
L810
HF70ZBF
L812
HF70ZBF
FD803S
125V(FA)G
5A
L813
HF70ZBF
FD804S
125V(FA)G 5A
L814
HF70ZBF
L815
CORE-F/B
TB01S
BP26-00002B
EER5345
GT803
1P
(AUTO)
GT804
1P
(AUTO)
GT805
1P
(AUTO)
L801
EI2820
125uH/190uH
C871
105
400V(MPP)
L802
CORE-F/B
L803
CORE-F/B
C803
680uF
450V
R801
220K
1/2W
R802
220K
1/2W
D803
RG4C
1000V
R804
15K
3W(RS)
R805
15K
3W(RS)
C831
473
630V(PP)
IC801
STR-X6456(ASSY-H/S)
STR-X6456
D
S/GND
VIN
ABS
OCP
FB/CLP
BD
L804
HF70ZBF
L805
HF70ZBF
L806
HF70ZBF
L807
HF70ZBF
C811
152
2KV(MPP)
5W(MPC)
0.1-K
R806
R807
470
1/2W
C810
102
50V
DZ801
12P7.5B
7.5V
400V
1N4004
D807
C806
22uF
50V
D802
BAV21
250V
R809
22K
1/2W
C807
151
50V
C808
47uF
16V
C809
101
50V
R808
3.3K
1/2W
R810
1K
1/2W
C812
474
63V(MP)
PC802S
PS2561
R815
1K
1/2W
C865
470uF
25V
L817
100uH
(CK)
C867
1000uF
25V(105)
13.5V
R814
1.5K
1/2W
C834
221
50V
C835
223
50V(P)
R836
82K
1/2W
TL431
IC803
431
(TO-92)
R819
1.2K-F
1/2W(RM)
Q801
KSC815-Y
(TO-92)
R820
4.7K
1080i
R818
1.5K
1/2W
R817
49K-F
1/2W(RM)
RY801S
8.2M
1/2W(RC)
CY811S
332
400V
CY812S
332
400V
C822
2200uF
35V
C804
3300uF
50V(105)
+20V
C824
3300uF
50V(105)
C825
2200uF
35V
-20V
8.5V
C817
C818
C819
C820
IC802
FMG-12S(4)
(ASSY-H/S)
C826
2200uF
16V(105)
L816
100uH
(CK)
C827
1000uF
16V(105)
C828
104
63V(MP)
D805
1N4004
400V
250V(105)
1uF
C829
R813
220K-F
1/4W(RM)
SUB-MUTE
C821
2200uF
25V
R812
10K
C830
100uF
25V
C863
104
50V
12V
C872
474
250V(MP)
R816
110K-F
1/2W(RM)

7-12 SUB 2

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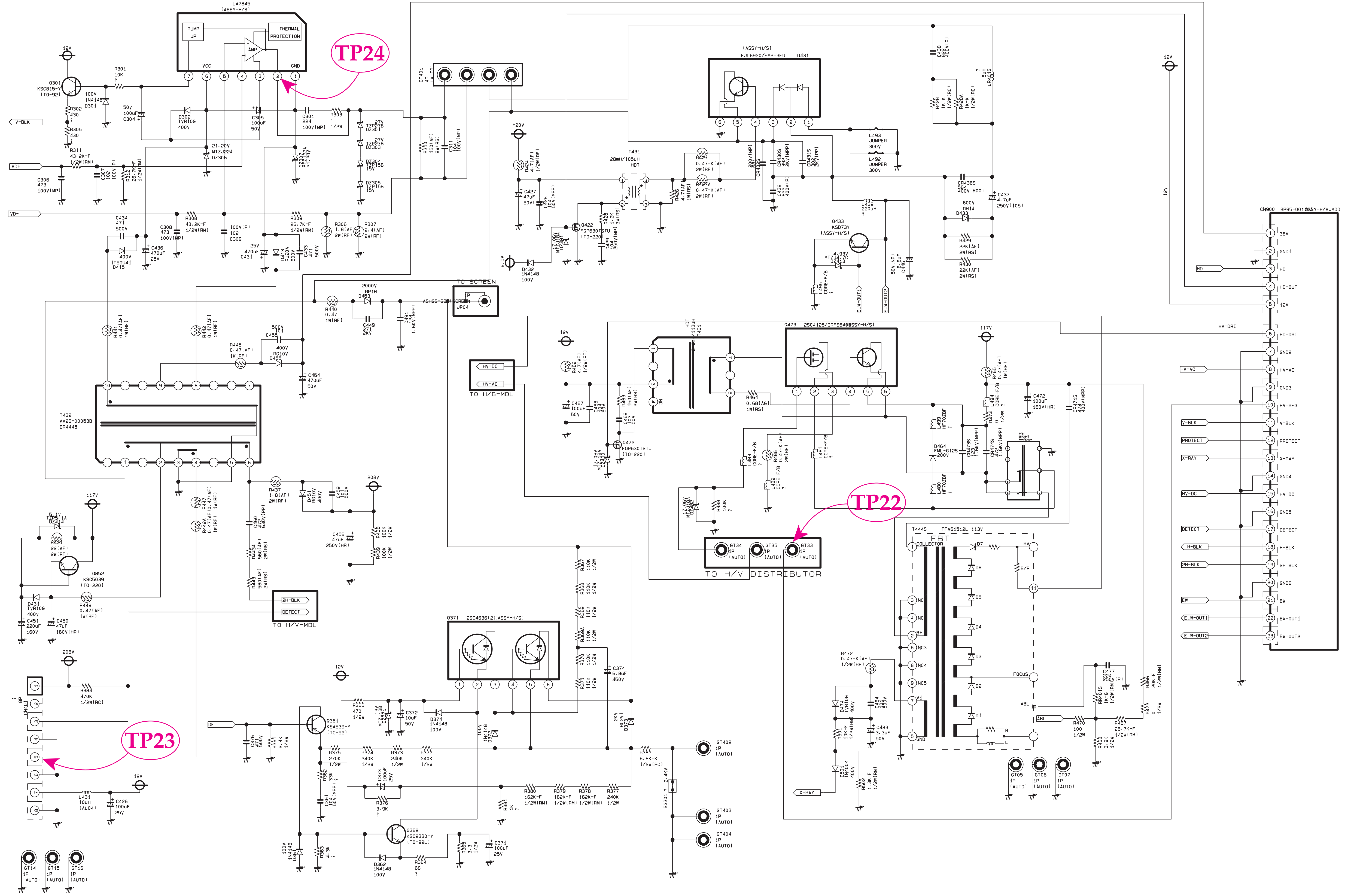
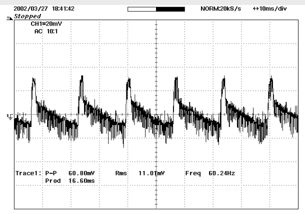
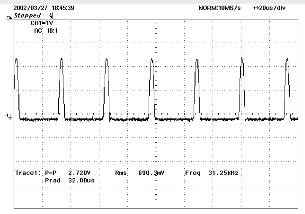

IC301
LA7845
(ASSY-H/S)
PUMP UP
THERMAL PROTECTION
AMP
VCC
GND
TP24
TP23
TP22
12V
Q301
KSC815-Y
(TO-92)
R301
10K
V-BLK
VD+
VD-
R302 430
R305 430
R311 43.2K-F 1/2W(RM)
C306 473 100V(MP)
D301 1N4148 100V
C304 50V 100uF
D302 TVR10G 400V
C305 100uF 50V
C301 224 100V(MP)
R303 1 1/2W
ZD301 27V TZP27B
ZD303 27V TZP27B
ZD304 TZP15B 15V
ZD305 TZP15B 15V
ZD302 21.2V MTZJ22A
R308 43.2K-F 1/2W(RM)
R309 26.7K-F 1/2W(RM)
R306 1.8(AF) 2W(RF)
R307 2.4(AF) 2W(RF)
C308 473 100V(MP)
C309 102 100V(P)
C431 470uF 25V
C434 471 500V
C436 470uF 25V
D415 1R5GU41 400V
GT401 4P (AUTO)
38V
+20V
T431 28mH/105uH HDT
Q422 FQP630TSTU (TO-220)
C427 47uF 50V
D432 1N4148 100V
8.5V
R427 0.47-K(AF) 2W(RF)
R427A 0.47-K(AF) 2W(RF)
(ASSY-H/S) FJL6920/FMP-3FU Q431
L493 JUMPER 300V
L492 JUMPER 300V
L432 220uH
Q433 KSD73Y (ASSY-H/S)
C436S 564 400V(MP)
C437 4.7uF 250V(105)
600V RH1A D433
R429 22K(AF) 2W(RS)
R430 22K(AF) 2W(RS)
E.W-OUT1
E.W-OUT2
L485 CORE-F/B
TO SCREEN
1P JP04
2000V RP1H D453
R440 0.47 1W(RF)
C449 221 2KV
C491 1.6KV(PP)
T432 AA26-00053B ER4445
R441 0.47(AF) 1W(RF)
R442 0.47(AF) 1W(RF)
R445 0.47(AF) 1W(RF)
C455 101 500V
D455 RG10Y 400V
C454 470uF 50V
HV-DC
HV-AC
TO H/B-MDL
12V
R462 4.7(AF) 1/2W(RF)
C467 100uF 50V
Q472 FQP630TSTU (TO-220)
Q473 2SC4125/IRFS640B(ASSY-H/S)
R464 0.68(AG) 1W(RS)
T461
117V
R465 0.47(AF) 1W(RF)
C472 100uF 160V(HR)
L499 HF70BBF
D464 FML-G12S 200V
L480 HF70BBF
L483 CORE-F/B
L484 CORE-F/B
R486 0.47-K(AF) 2W(RF)
R488 10K
TO H/V DISTRIBUTOR
GT34 1P (AUTO)
GT35 1P (AUTO)
GT33 1P (AUTO)
T444S FFA61512L 117V
FBT
COLLECTOR
HV
B/R
FOCUS
ABL
NC
B+
D1 D2 D3 D4 D5 D6 D7
R472 0.47-K(AF) 1/2W(RF)
C483 3.3uF 50V
R470 100 1/2W
R467 26.7K-F 1/2W(RM)
C477 564 250V(P)
X-RAY
GT05 1P (AUTO)
GT06 1P (AUTO)
GT07 1P (AUTO)
CN900 BP95-00155A ASSY-H/V.MOD
38V
GND1
HD
HD-OUT
12V
HD-ORI
GND2
HV-AC
GND3
HV-REG
V-BLK
PROTECT
X-RAY
GND4
HV-DC
GND5
DETECT
H-BLK
2H-BLK
GND6
EW
EW-OUT1
EW-OUT2
HV-ORI
117V
6.1V TZP6.1A ZD414
R436 22(AF) 2W(RF)
Q852 KSC5039 (TO-220)
D431 TVR10G 400V
C451 220uF 160V
R449 0.47(AF) 1W(RF)
C450 47uF 160V(HR)
R437 1.8(AF) 2W(RF)
D451 RG10V 400V
C456 47uF 250V(HR)
208V
2H-BLK
DETECT
TO H/V-MDL
R443A 560(AF) 2W(RS)
R443 560(AF) 2W(RS)
Q371 2SC4636(2)(ASSY-H/S)
C374 6.8uF 450V
208V
R384 470K 1/2W(RC)
CN403 5P
L431 10uH (AL04)
C426 100uF 25V
12V
DF
Q361 KSA539-Y (TO-92)
R366 470 1/2W
C372 10uF 50V
D374 1N4148 100V
R375 270K 1/2W
R374 240K 1/2W
R373 240K 1/2W
R372 240K 1/2W
C373 100uF 25V
R376 3.9K
R380 162K-F 1/2W(RM)
R379 162K-F 1/2W(RM)
R378 162K-F 1/2W(RM)
R377 240K 1/2W
R381 1K
R382 6.8K-K 1/2W(RC)
SG301 2.4KV
GT402 1P (AUTO)
GT403 1P (AUTO)
GT404 1P (AUTO)
Q362 KSC2330-Y (TO-92L)
D362 1N4148 100V
R364 68
R365 3.3 1/2W
C371 100uF 25V
GT14 1P (AUTO)
GT15 1P (AUTO)
GT16 1P (AUTO)

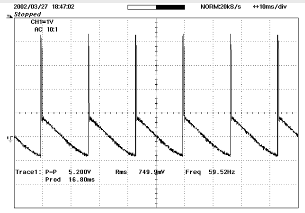
TP22



TP23



TP24



7-13 SUB 3

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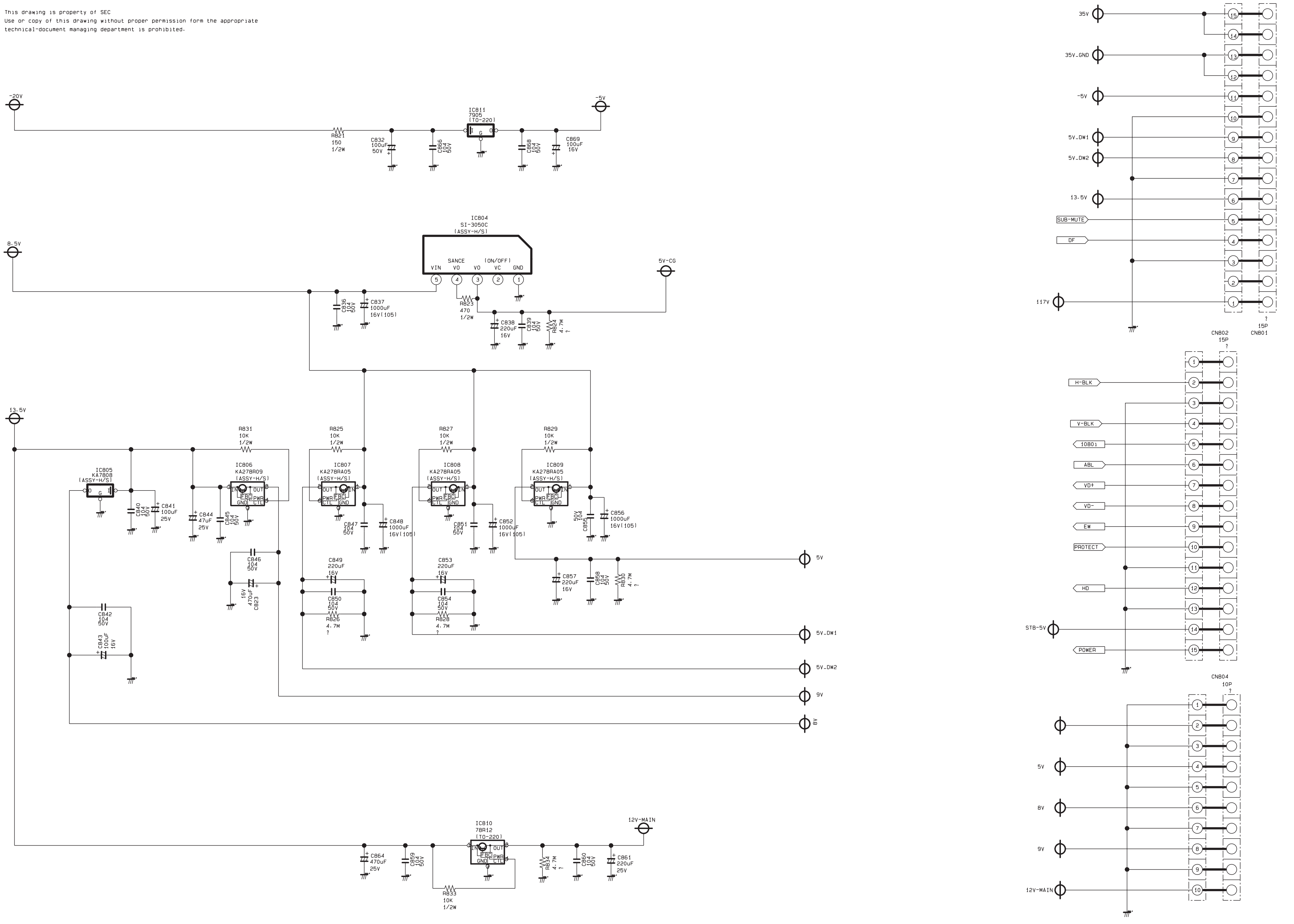
-20V
R821
150
1/2W
C832
100uF
50V
C866
104
50V
IC811
7905
(TO-220)
I
G
O
C868
104
50V
C869
100uF
16V
-5V
IC804
SI-3050C
(ASSY-H/S)
SANCE
(ON/OFF)
VIN
VO
VO
VC
GND
8.5V
C836
104
50V
C837
1000uF
16V(105)
R823
470
1/2W
C838
220uF
16V
C839
104
50V
R824
4.7M
?
5V-CG
13.5V
IC805
KA7808
(ASSY-H/S)
C840
104
50V
C841
100uF
25V
R831
10K
1/2W
IC806
KA278R09
(ASSY-H/S)
IN
OUT
FBC
PWR
GND
CTL
C844
47uF
25V
C845
104
50V
C846
104
50V
16V
470uF
C823
R825
10K
1/2W
IC807
KA278RA05
(ASSY-H/S)
C847
104
50V
C848
1000uF
16V(105)
C849
220uF
16V
C850
104
50V
R826
4.7M
?
R827
10K
1/2W
IC808
KA278RA05
(ASSY-H/S)
C851
104
50V
C852
1000uF
16V(105)
C853
220uF
16V
C854
104
50V
R828
4.7M
?
R829
10K
1/2W
IC809
KA278RA05
(ASSY-H/S)
50V
104
C855
C856
1000uF
16V(105)
C857
220uF
16V
C858
104
50V
R830
4.7M
?
C842
104
50V
C843
100uF
16V
5V
5V_DW1
5V_DW2
9V
8V
IC810
78R12
(TO-220)
C864
470uF
25V
C859
104
50V
R833
10K
1/2W
R834
4.7M
?
C860
104
50V
C861
220uF
25V
12V-MAIN
35V
35V_GND
-5V
5V_DW1
5V_DW2
13.5V
SUB-MUTE
DF
17V
15P
CN801
CN802
15P
?
H-BLK
V-BLK
1080i
ABL
VD+
VD-
EW
PROTECT
HD
STB-5V
POWER
CN804
10P
?
5V
8V
9V
12V-MAIN

7-14 SUB 4

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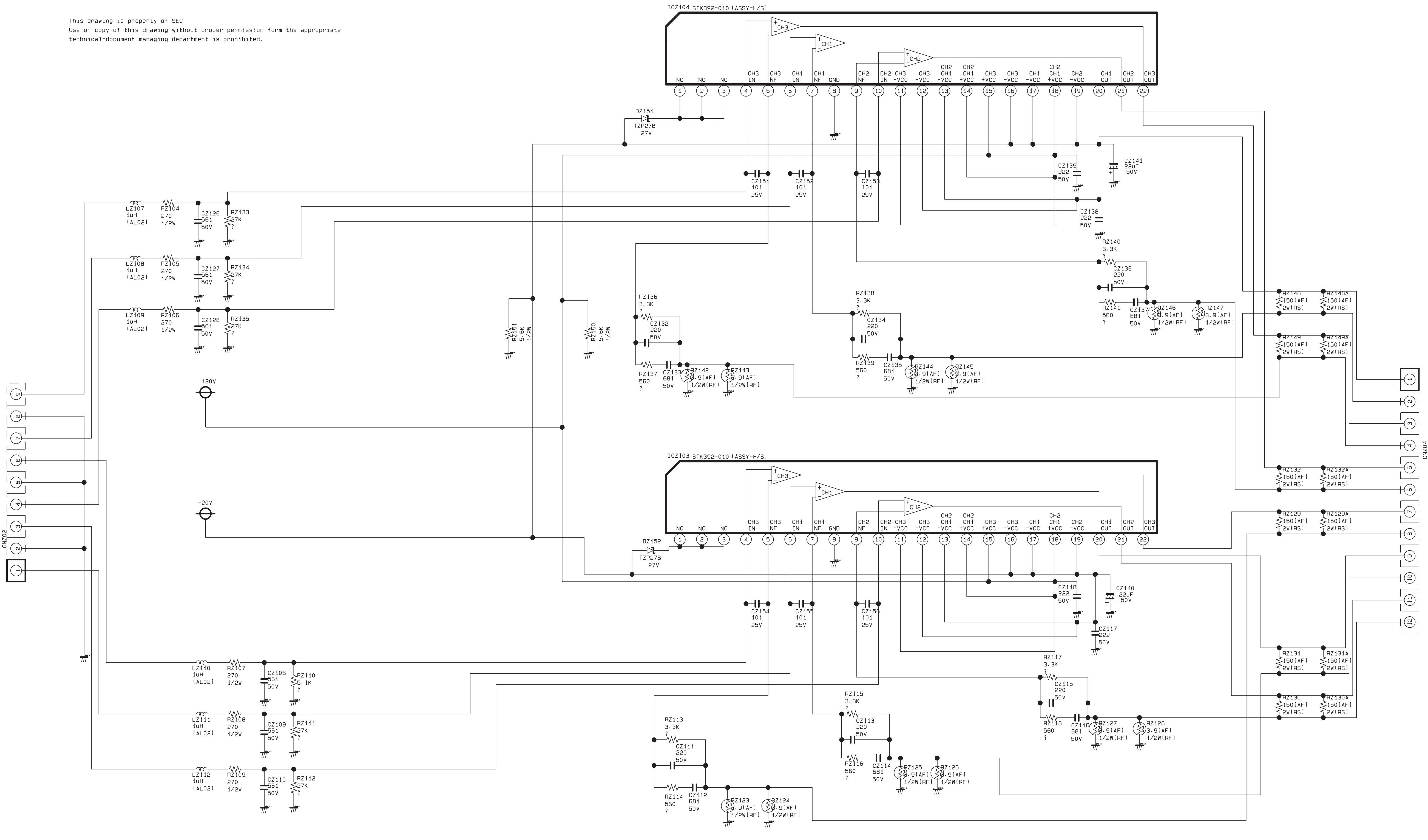

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ICZ104 STK392-010 (ASSY-H/S)
ICZ103 STK392-010 (ASSY-H/S)
CH1
CH2
CH3
NC
CH3 IN
CH3 NF
CH1 IN
CH1 NF
GND
CH2 NF
CH2 IN
CH3 +VCC
CH3 -VCC
CH2 CH1 -VCC
CH2 CH1 +VCC
CH3 +VCC
CH3 -VCC
CH1 -VCC
CH2 CH1 +VCC
CH2 -VCC
CH1 OUT
CH2 OUT
CH3 OUT
DZ151 TZP27B 27V
DZ152 TZP27B 27V
CZ151 101 25V
CZ152 101 25V
CZ153 101 25V
CZ154 101 25V
CZ155 101 25V
CZ156 101 25V
CZ139 222 50V
CZ141 22uF 50V
CZ138 222 50V
CZ118 222 50V
CZ140 22uF 50V
CZ117 222 50V
RZ140 3.3K ?
CZ136 220 50V
RZ141 560 ?
CZ137 681 50V
RZ146 3.9(AF) 1/2W(RF)
RZ147 3.9(AF) 1/2W(RF)
RZ136 3.3K ?
CZ132 220 50V
RZ137 560 ?
CZ133 681 50V
RZ142 3.9(AF) 1/2W(RF)
RZ143 3.9(AF) 1/2W(RF)
RZ138 3.3K ?
CZ134 220 50V
RZ139 560 ?
CZ135 681 50V
RZ144 3.9(AF) 1/2W(RF)
RZ145 3.9(AF) 1/2W(RF)
RZ148 150(AF) 2W(RS)
RZ148A 150(AF) 2W(RS)
RZ149 150(AF) 2W(RS)
RZ149A 150(AF) 2W(RS)
RZ132 150(AF) 2W(RS)
RZ132A 150(AF) 2W(RS)
RZ129 150(AF) 2W(RS)
RZ129A 150(AF) 2W(RS)
RZ131 150(AF) 2W(RS)
RZ131A 150(AF) 2W(RS)
RZ130 150(AF) 2W(RS)
RZ130A 150(AF) 2W(RS)
CNZ04 12P ?
LZ107 1uH (AL02)
RZ104 270 1/2W
CZ126 561 50V
RZ133 27K ?
LZ108 1uH (AL02)
RZ105 270 1/2W
CZ127 561 50V
RZ134 27K ?
LZ109 1uH (AL02)
RZ106 270 1/2W
CZ128 561 50V
RZ135 27K ?
RZ151 5.6K 1/2W
RZ150 5.6K 1/2W
+20V
-20V
CNZ02 9P ?
LZ110 1uH (AL02)
RZ107 270 1/2W
CZ108 561 50V
RZ110 5.1K ?
LZ111 1uH (AL02)
RZ108 270 1/2W
CZ109 561 50V
RZ111 27K ?
LZ112 1uH (AL02)
RZ109 270 1/2W
CZ110 561 50V
RZ112 27K ?
RZ117 3.3K ?
CZ115 220 50V
RZ118 560 ?
CZ116 681 50V
RZ127 3.9(AF) 1/2W(RF)
RZ128 3.9(AF) 1/2W(RF)
RZ115 3.3K ?
CZ113 220 50V
RZ116 560 ?
CZ114 681 50V
RZ125 3.9(AF) 1/2W(RF)
RZ126 3.9(AF) 1/2W(RF)
RZ113 3.3K ?
CZ111 220 50V
RZ114 560 ?
CZ112 681 50V
RZ123 3.9(AF) 1/2W(RF)
RZ124 3.9(AF) 1/2W(RF)

7-15 HDMI 1

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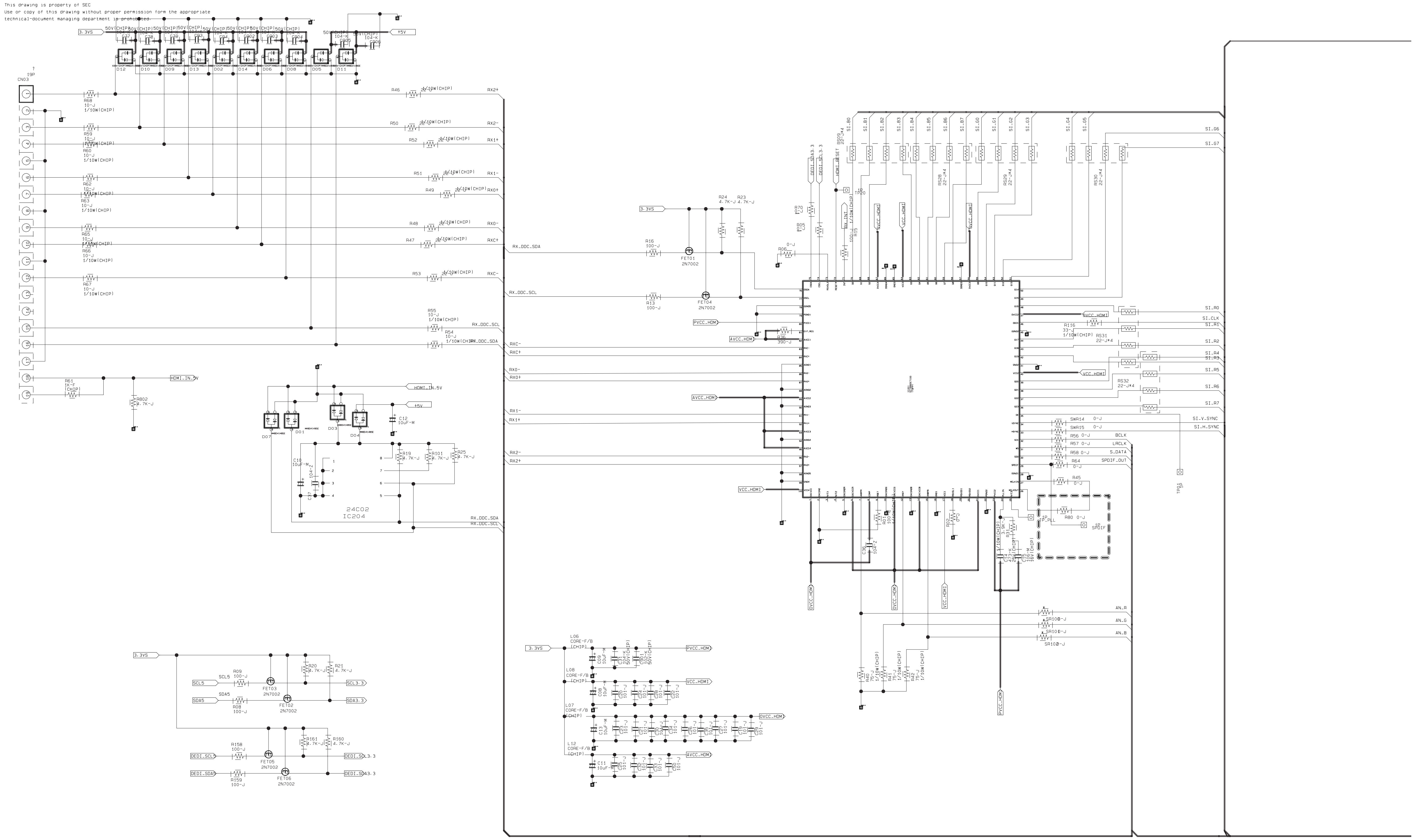
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3.3VS
+5V
CN03
19P
D12
D10
D09
D13
D02
D14
D06
D08
D05
D11
R68
R59
R60
R62
R63
R65
R66
R67
10-J
1/10W(CHIP)
R46
R50
R52
R51
R49
R48
R47
R53
R55
R54
Rx2+
Rx2-
Rx1+
Rx1-
Rx0+
Rx0-
RxC+
RxC-
RX.DDC.SCL
RX.DDC.SDA
R61
1K-F
R802
4.7K-J
HDMI_IN.5V
D07
D01
D03
D04
C12
10uF-M
C13
C37
R19
R101
R25
4.7K-J
24C02
IC204
R16
100-J
FET01
2N7002
R13
FET04
R24
R23
4.7K-J
R70
R05
R06
0-J
R36
390-J
PVCC_HDMI
AVCC_HDMI
VCC_HDMI
DVCC_HDMI
DEDI.SDA3.3
DEDI.SCL3.3
HDMI_RESET
RX_INT
TP20
R528
R529
R530
R531
R532
22-J*4
SI.B0
SI.B1
SI.B2
SI.B3
SI.B4
SI.B5
SI.B6
SI.B7
SI.G0
SI.G1
SI.G2
SI.G3
SI.G4
SI.G5
SI.G6
SI.G7
SI.R0
SI.CLK
SI.R1
SI.R2
SI.R4
SI.R3
SI.R5
SI.R6
SI.R7
SI.V.SYNC
SI.H.SYNC
R116
33-J
SWR14
SWR15
R56
R57
R58
R64
R45
R80
0-J
BCLK
LRCLK
S.DATA
SPDIF_OUT
TP54
SPDIF
AN.R
AN.G
AN.B
SR100-J
R40
R41
R42
75-J
C36
L06
L08
L07
L12
CORE-F/B
(CHIP)
C09
C08
C11
10uF-M
101-J
R09
100-J
R08
SCL5
SDA5
SCL3.3
SDA3.3
R20
R21
FET03
FET02
R158
R159
R161
R160
FET05
FET06
DEDI.SCL
DEDI.SDA
DEDI.SCL3.3
DEDI.SDA3.3

7-16 HDMI 2

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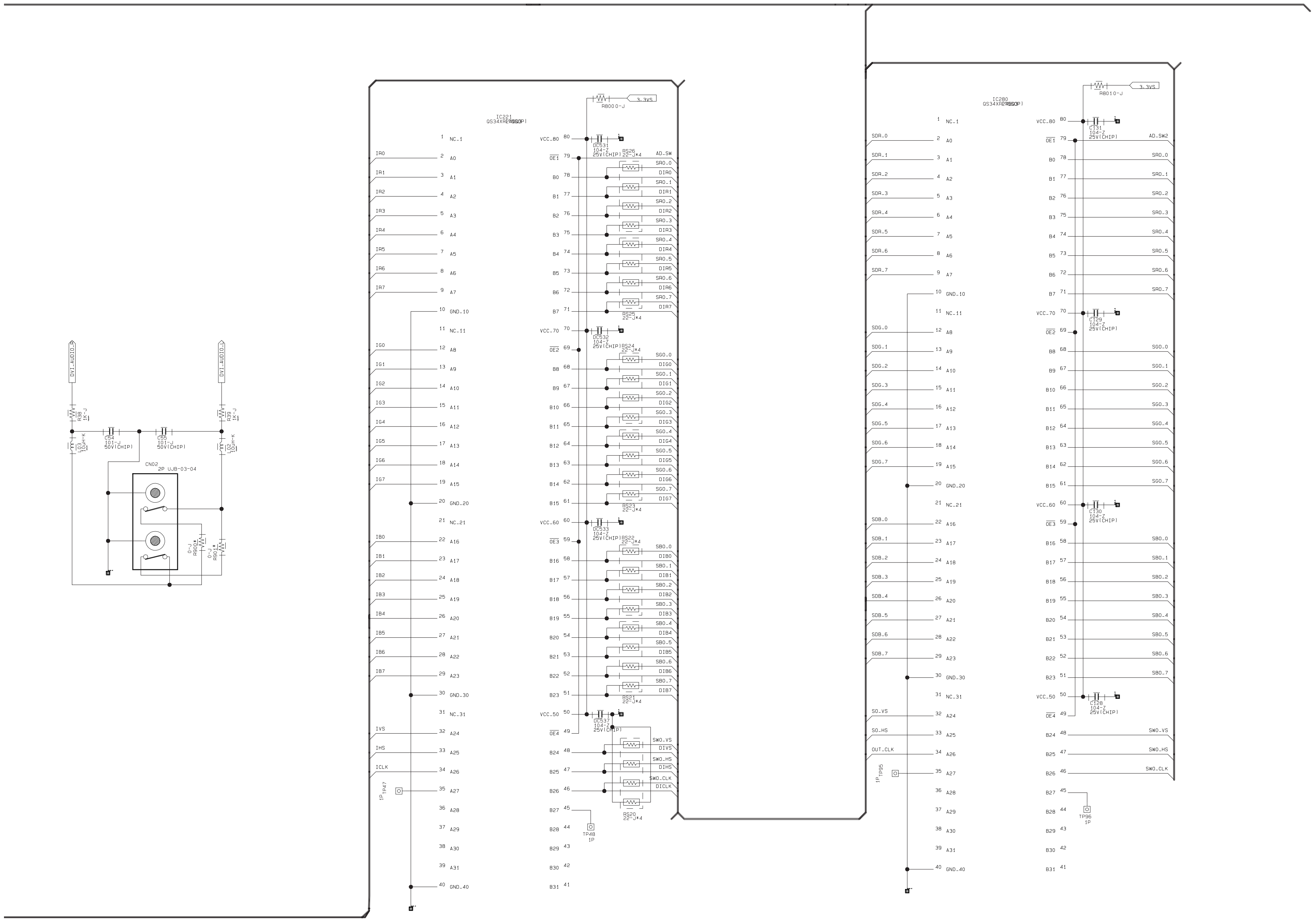
DVI_AUDIO_R
DVI_AUDIO_L
R38 1K-J
R39 1K-J
L03 10uH-K
L02 10uH-K
C54 101-J 50V(CHIP)
C55 101-J 50V(CHIP)
CN02 2P UJB-03-04
R900* 0-J
R901* 0-J
IC221 QS34XR245Q(P)
R8000-J
3.3VS
DC531 104-Z 25V(CHIP)
DC532 104-Z 25V(CHIP)
DC533 104-Z 25V(CHIP)
DC537 104-Z 25V(CHIP)
RS26 22-J*4
RS25 22-J*4
RS24 22-J*4
RS23 22-J*4
RS22 22-J*4
RS21 22-J*4
RS20 22-J*4
NC_1
A0
A1
A2
A3
A4
A5
A6
A7
GND_10
NC_11
GND_20
NC_21
GND_30
NC_31
GND_40
VCC_80
OE1
VCC_70
OE2
VCC_60
OE3
VCC_50
OE4
IR0
IR1
IR2
IR3
IR4
IR5
IR6
IR7
IG0
IG1
IG2
IG3
IG4
IG5
IG6
IG7
IB0
IB1
IB2
IB3
IB4
IB5
IB6
IB7
IVS
IHS
ICLK
TP47 1P
TP48 1P
AD_SW
SR0_0
DIR0
SR0_1
DIR1
SR0_2
DIR2
SR0_3
DIR3
SR0_4
DIR4
SR0_5
DIR5
SR0_6
DIR6
SR0_7
DIR7
SG0_0
DIG0
SG0_1
DIG1
SG0_2
DIG2
SG0_3
DIG3
SG0_4
DIG4
SG0_5
DIG5
SG0_6
DIG6
SG0_7
DIG7
SB0_0
DIB0
SB0_1
DIB1
SB0_2
DIB2
SB0_3
DIB3
SB0_4
DIB4
SB0_5
DIB5
SB0_6
DIB6
SB0_7
DIB7
SW0_VS
DIVS
SW0_HS
DIHS
SW0_CLK
DICLK
IC280 QS34XR245Q(P)
R8010-J
CT31 104-Z 25V(CHIP)
CT29 104-Z 25V(CHIP)
CT30 104-Z 25V(CHIP)
CT28 104-Z 25V(CHIP)
SDR_0
SDR_1
SDR_2
SDR_3
SDR_4
SDR_5
SDR_6
SDR_7
SDG_0
SDG_1
SDG_2
SDG_3
SDG_4
SDG_5
SDG_6
SDG_7
SDB_0
SDB_1
SDB_2
SDB_3
SDB_4
SDB_5
SDB_6
SDB_7
S0_VS
S0_HS
OUT_CLK
TP95 1P
TP96 1P
AD_SW2
SW0_VS
SW0_HS
SW0_CLK

7-17 HDMI 3

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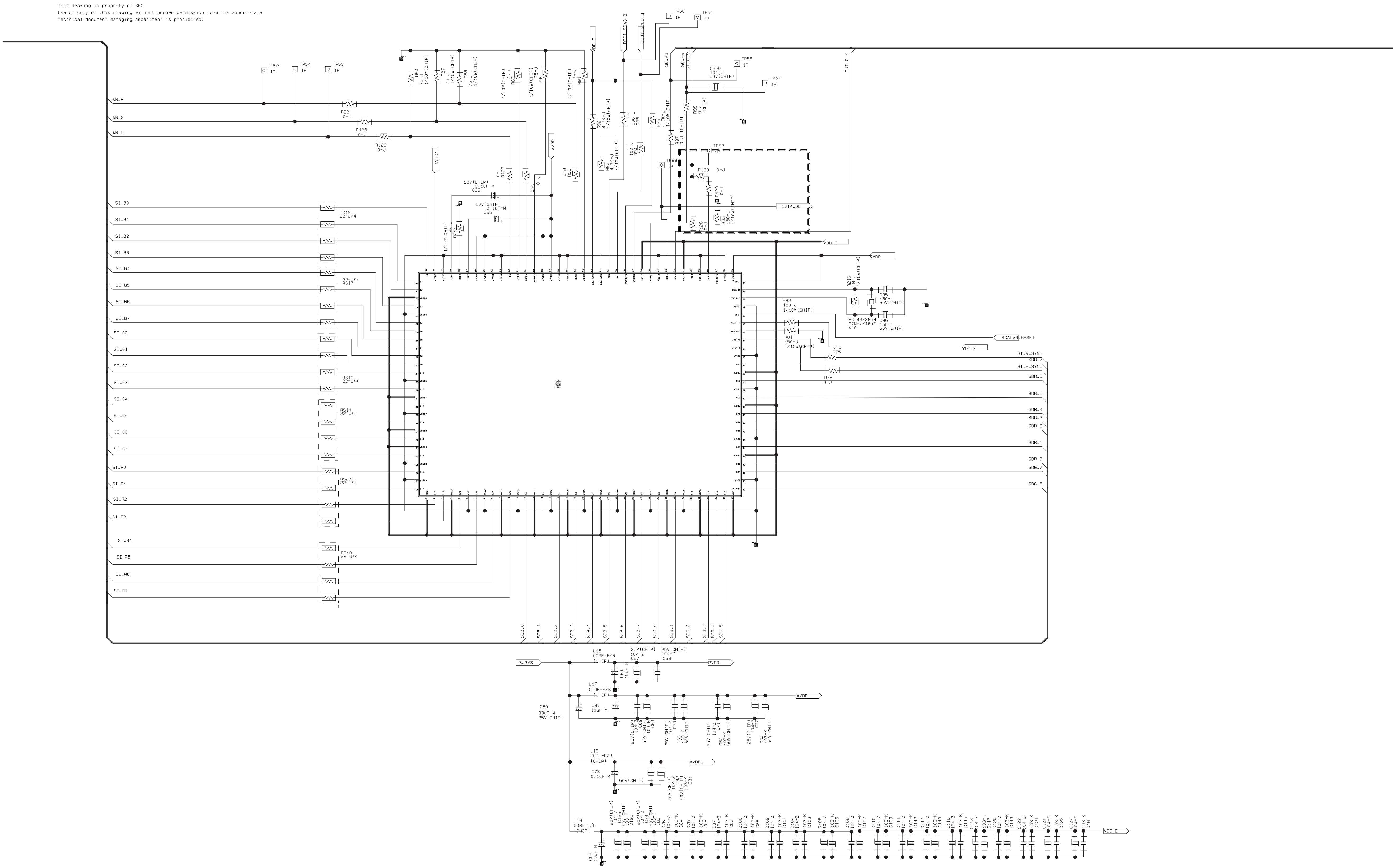
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AN_B
AN_G
AN_R
SI_B0
SI_B1
SI_B2
SI_B3
SI_B4
SI_B5
SI_B6
SI_B7
SI_G0
SI_G1
SI_G2
SI_G3
SI_G4
SI_G5
SI_G6
SI_G7
SI_R0
SI_R1
SI_R2
SI_R3
SI_R4
SI_R5
SI_R6
SI_R7
TP50
TP51
TP52
TP53
TP54
TP55
TP56
TP57
TP99
1014_DE
VDD_E
PVDD
AVDD
AVDD1
SCALAR_RESET
SI_V_SYNC
SI_H_SYNC
SDR_7
SDR_6
SDR_5
SDR_4
SDR_3
SDR_2
SDR_1
SDR_0
SDG_7
SDG_6
SDB_0
SDB_1
SDB_2
SDB_3
SDB_4
SDB_5
SDB_6
SDB_7
SDG_0
SDG_1
SDG_2
SDG_3
SDG_4
SDG_5
OUT_CLK
3.3VS
L16 CORE-F/B (CHIP)
L17 CORE-F/B (CHIP)
L18 CORE-F/B (CHIP)
L19 CORE-F/B (CHIP)
C80 33uF-M 25V(CHIP)
C97 10uF-M
C73 0.1uF-M
C59 10uF-M
HC-49/SMSH 27MHz/16pF X10
R82 150-J 1/10W(CHIP)
R81 150-J 1/10W(CHIP)
R75
R76 0-J
R22 0-J
R125 0-J
R126 0-J
C65
C66
C909 101-J 50V(CHIP)

7-18 HDMI 4

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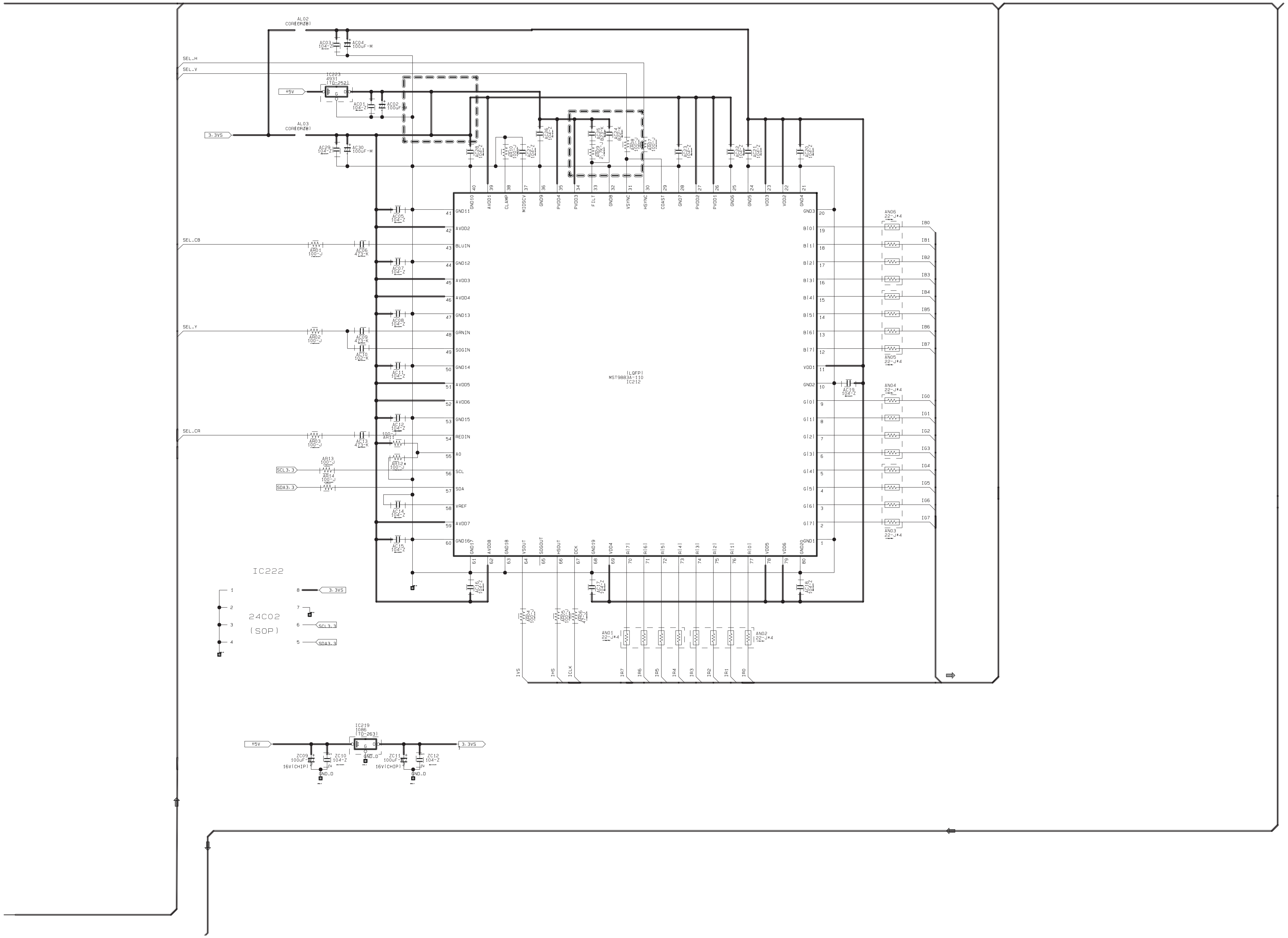

AL02
CORE(CR2B)
AC03
AC04
100uF-M
SEL_H
SEL_V
IC223
4931
(TO-252)
+5V
AC01
AC02
100uF-M
3.3VS
AL03
CORE(CR2B)
AC29
AC30
100uF-M
SEL_CB
AR01
100-J
AC06
SEL_Y
AR02
100-J
AC09
AC10
SEL_CR
AR03
100-J
AC13
AR11
AR13
100-J
AR14
100-J
SCL3.3
SDA3.3
AC05
AC07
AC08
AC11
AC12
AC14
AC15
(LQFP)
MST9883A-110
IC212
GND11
AVDD2
BLUIN
GND12
AVDD3
AVDD4
GND13
GRNIN
SOGIN
GND14
AVDD5
AVDD6
GND15
REDIN
A0
SCL
SDA
VREF
AVDD7
GND16
GND10
AVDD1
CLAMP
MIDSCV
GND9
PVDD4
PVDD3
FILT
GND8
VSYNC
HSYNC
COAST
GND7
PVDD2
PVDD1
GND6
GND5
VDD3
VDD2
GND4
GND3
B(0)
B(1)
B(2)
B(3)
B(4)
B(5)
B(6)
B(7)
VDD1
GND2
G(0)
G(1)
G(2)
G(3)
G(4)
G(5)
G(6)
G(7)
GND1
GND17
AVDD8
GND18
VSOUT
SOGOUT
HSOUT
DCK
GND19
VDD4
R(7)
R(6)
R(5)
R(4)
R(3)
R(2)
R(1)
R(0)
VDD5
VDD6
GND20
AN06
22-J*4
AN05
22-J*4
AN04
22-J*4
AN03
22-J*4
AC19
IB0
IB1
IB2
IB3
IB4
IB5
IB6
IB7
IG0
IG1
IG2
IG3
IG4
IG5
IG6
IG7
AN01
22-J*4
AN02
22-J*4
IVS
IHS
ICLK
IR7
IR6
IR5
IR4
IR3
IR2
IR1
IR0
IC222
24C02
(SOP)
3.3VS
SCL3.3
SDA3.3
IC219
1086
(TO-263)
+5V
3.3VS
ZC09
100uF
16V(CHIP)
ZC10
ZC11
100uF
16V(CHIP)
ZC12
GND_D

7-19 HDMI 5

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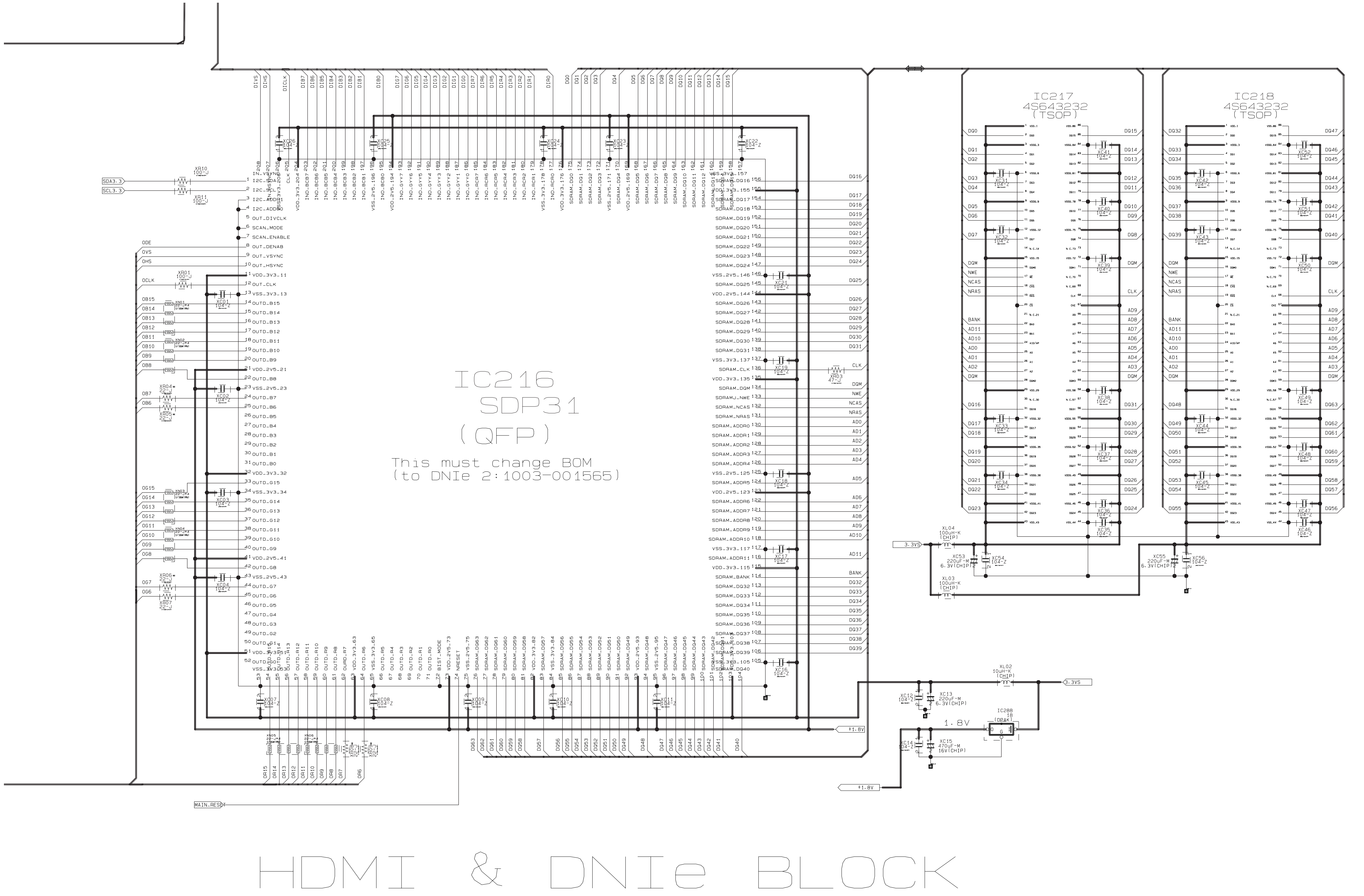
IC216
SDP31
(QFP)
This must change BOM
(to DNIe 2:1003-001565)
IC217
4S643232
(TSOP)
IC218
4S643232
(TSOP)
IC288
1.8V
XL04
100uH-K
(CHIP)
XL03
100uH-K
(CHIP)
XL02
10uH-K
(CHIP)
XC53
220uF-M
6.3V(CHIP)
XC55
220uF-M
6.3V(CHIP)
XC13
220uF-M
6.3V(CHIP)
XC15
470uF-M
16V(CHIP)
3.3VS
+1.8V
SDA3.3
SCL3.3
MAIN.RESET
HDMI & DNIe BLOCK

7-20 HDMI 6

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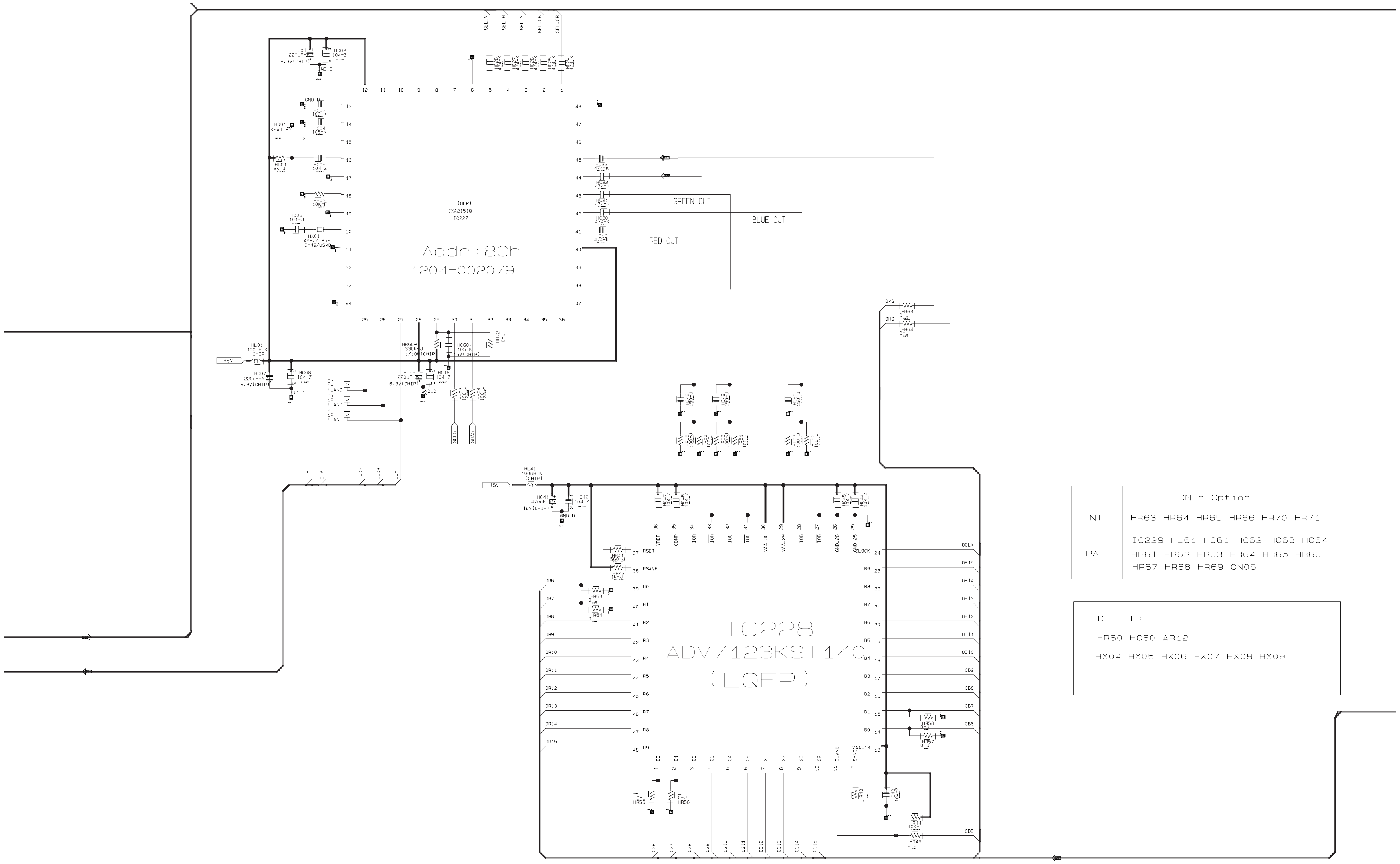
SEL.V
SEL.H
SEL.Y
SEL.CB
SEL.CR
(QFP)
CXA2151Q
IC227
Addr : 8Ch
1204-002079
GREEN OUT
BLUE OUT
RED OUT
HC01 220uF-M 6.3V(CHIP)
HC02 104-Z
GND.D
HQ01 KSA1182
HR01 2K-J
HR02 10K-J
HC06 101-J
HX01 4MHZ/18pF HC-49/USMD
HL01 100uH-K (CHIP)
+5V
HC07 220uF-M 6.3V(CHIP)
HC08 104-Z
HR60 330K-J 1/10W(CHIP)
HC60 105-K 16V(CHIP)
HC15 220uF-M 6.3V(CHIP)
HC16 104-Z
O.H
O.V
O.CR
O.CB
O.Y
SDL5
SDA5
OVS
OHS
HR63
HR64
HL41 100uH-K (CHIP)
HC41 470uF-M 16V(CHIP)
HC42 104-Z
HR41 560-J
HR42 1K-J
RSET
PSAVE
VREF
COMP
IOR
IOG
IOB
VAA
GND
CLOCK
BLANK
SYNC
HR53
HR54
HR55
HR56
HR57
HR58
HR44 10K-J
HR45
IC228
ADV7123KST140
(LQFP)
OCLK
OB6
OB7
OB8
OB9
OB10
OB11
OB12
OB13
OB14
OB15
OR6
OR7
OR8
OR9
OR10
OR11
OR12
OR13
OR14
OR15
OG6
OG7
OG8
OG9
OG10
OG11
OG12
OG13
OG14
OG15
ODE

	DNIe Option
NT	HR63 HR64 HR65 HR66 HR70 HR71
PAL	IC229 HL61 HC61 HC62 HC63 HC64 HR61 HR62 HR63 HR64 HR65 HR66 HR67 HR68 HR69 CN05

DELETE:

HR60 HC60 AR12

HX04 HX05 HX06 HX07 HX08 HX09

7-21 HDMI 7

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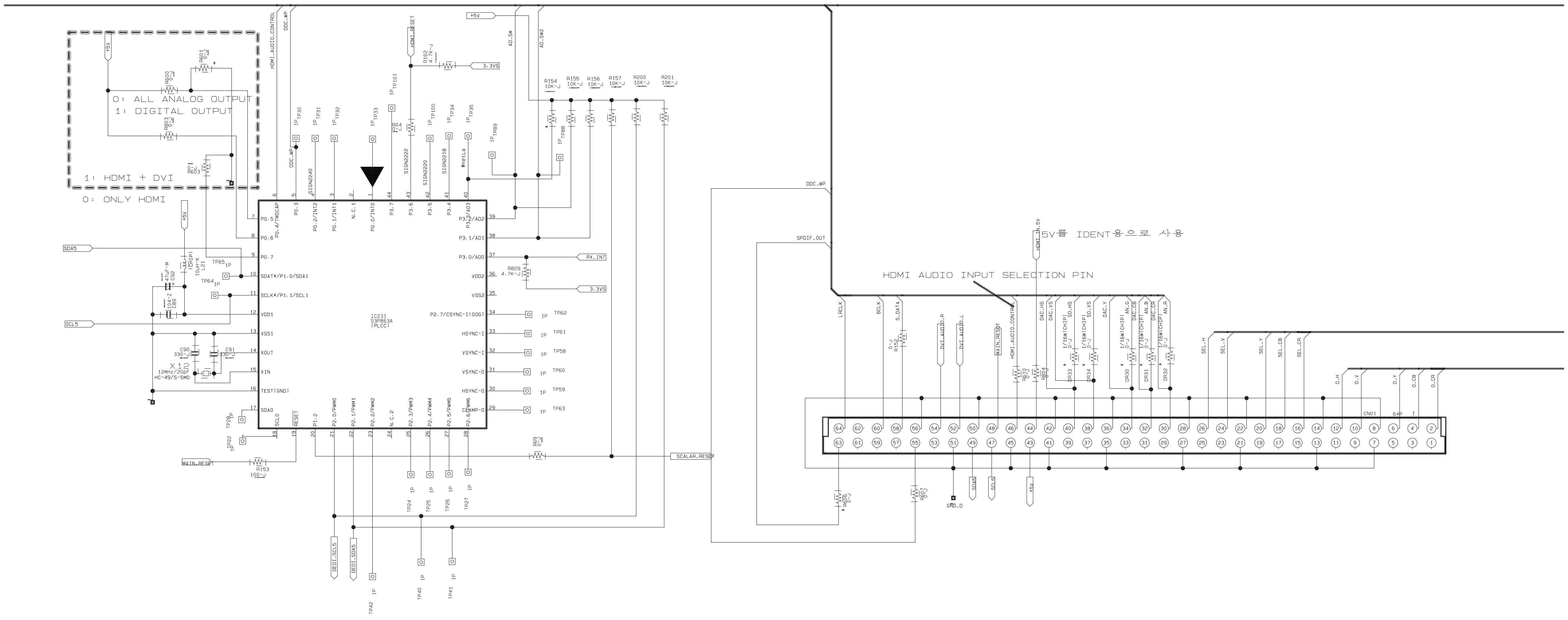
0: ALL ANALOG OUTPUT
1: DIGITAL OUTPUT
1: HDMI + DVI
0: ONLY HDMI
+5V
R600 0-J
R601 0-J
R803 0-J
R603 0-J
HDMI_AUDIO_CONTROL
DDC_WP
HDMI_RESET
R162 4.7K-J
3.3VS
AD_SW
AD_SW2
R154 10K-J
R155 10K-J
R156 10K-J
R157 10K-J
R200 10K-J
R201 10K-J
TP30
TP31
TP32
TP33
TP101
TP100
TP34
TP35
TP89
TP88
R04 0-J
SIGN2240
SIGN2222
SIGN2220
SIGN2218
#netLa
IC231
S3P863A
(PLCC)
P0.5
P0.6
P0.7
SDAT*/P1.0/SDA1
SCLK*/P1.1/SCL1
VDD1
VSS1
XOUT
XIN
TEST(GND)
SDA0
SCL0
RESET
P1.2
P2.0/PWM0
P2.1/PWM1
P2.2/PWM2
N.C.2
P2.3/PWM3
P2.4/PWM4
P2.5/PWM5
P2.6/PWM6
P0.4/TMOCAP
P0.3
P0.2/INT2
P0.1/INT1
N.C.1
P0.0/INT0
P3.7
P3.6
P3.5
P3.4
P3.3/AD3
P3.2/AD2
P3.1/AD1
P3.0/AD0
VDD2
VSS2
P2.7/CSYNC-I(SOG)
HSYNC-I
VSYNC-I
VSYNC-O
HSYNC-O
CLAMP-O
TP62
TP61
TP58
TP60
TP59
TP63
RX_INT
R809 4.7K-J
SDA5
SCL5
L21 10uH-K (CHIP)
C92 47uF-M
C89 104-Z
C90 330-J
C91 330-J
X12 12MHz/20pF HC-49/S-SMD
TP65 1P
TP64 1P
TP28 1P
TP22 1P
MAIN_RESET
R153 100-J
R69 0-J
SCALAR_RESET
TP24
TP25
TP26
TP27
DEDI_SCL5
DEDI_SDA5
TP42
TP40
TP41
DDC_WP
SPDIF_OUT
HDMI_IN_5V
5V를 IDENT용으로 사용
HDMI AUDIO INPUT SELECTION PIN
LRCLK
BCLK
S_DATA
R152 0-J
DVI_AUDIO_R
DVI_AUDIO_L
MAIN_RESET
HDMI_AUDIO_CONTROL
R610 0-J
R804 0-J
DAC_HS
DAC_VS
SO_HS
SO_VS
DAC_Y
AN_G
DAC_CB
AN_B
DAC_CR
AN_R
1/16W(CHIP) 0-J
DR33
DR34
DR30
DR31
DR32
SEL_H
SEL_V
SEL_Y
SEL_CB
SEL_CR
O_H
O_V
O_Y
O_CB
O_CR
CN01
64P
R606 0-J
R607 0-J
GND_D
SDA5
SCL5
+5V

7-22 HDMI 8

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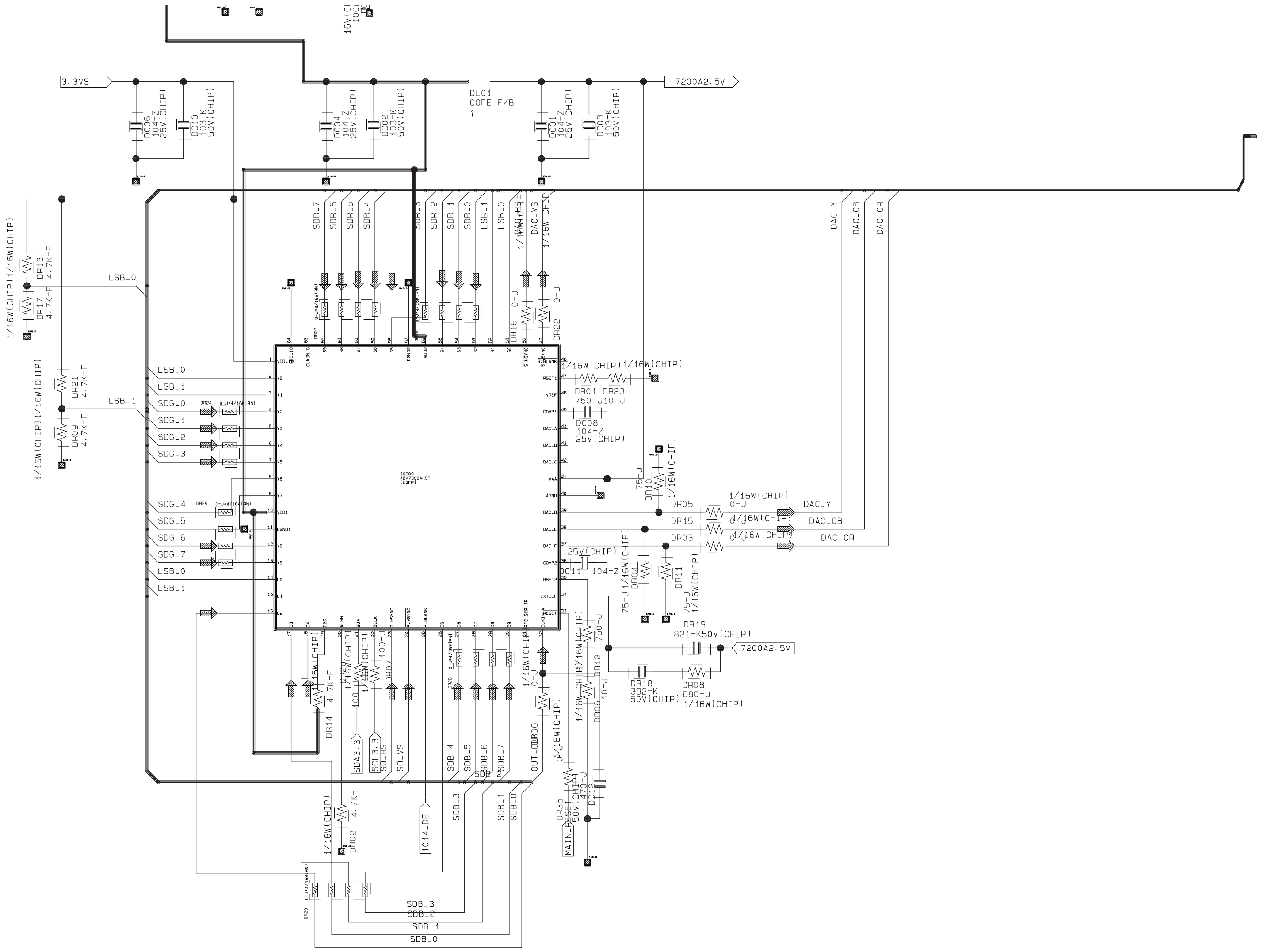
3.3VS
7200A2.5V
DLD1
CORE-F/B
SDR.7
SDR.6
SDR.5
SDR.4
SDR.3
SDR.2
SDR.1
SDR.0
LSB.1
LSB.0
DAC.VS
DAC.Y
DAC.CB
DAC.CR
LSB.0
LSB.1
SDG.0
SDG.1
SDG.2
SDG.3
SDG.4
SDG.5
SDG.6
SDG.7
DR05
DR15
DR03
DR19
DR18
DR08
DR01
DR23
DR13
DR17
DR21
DR09
DR14
DR02
DR35
SDA3.3
SCL3.3
SD.HS
SD.VS
SDB.3
SDB.4
SDB.5
SDB.6
SDB.7
SDB.2
SDB.1
SDB.0
IO14.DE
OUT.CLK
MAIN.RESET
1/16W(CHIP)
25V(CHIP)
50V(CHIP)
4.7K-F
0-J
750-J
10-J
75-J
104-Z
103-K
821-K
392-K
680-J

7-23 CONVERGENCE MODULE 1

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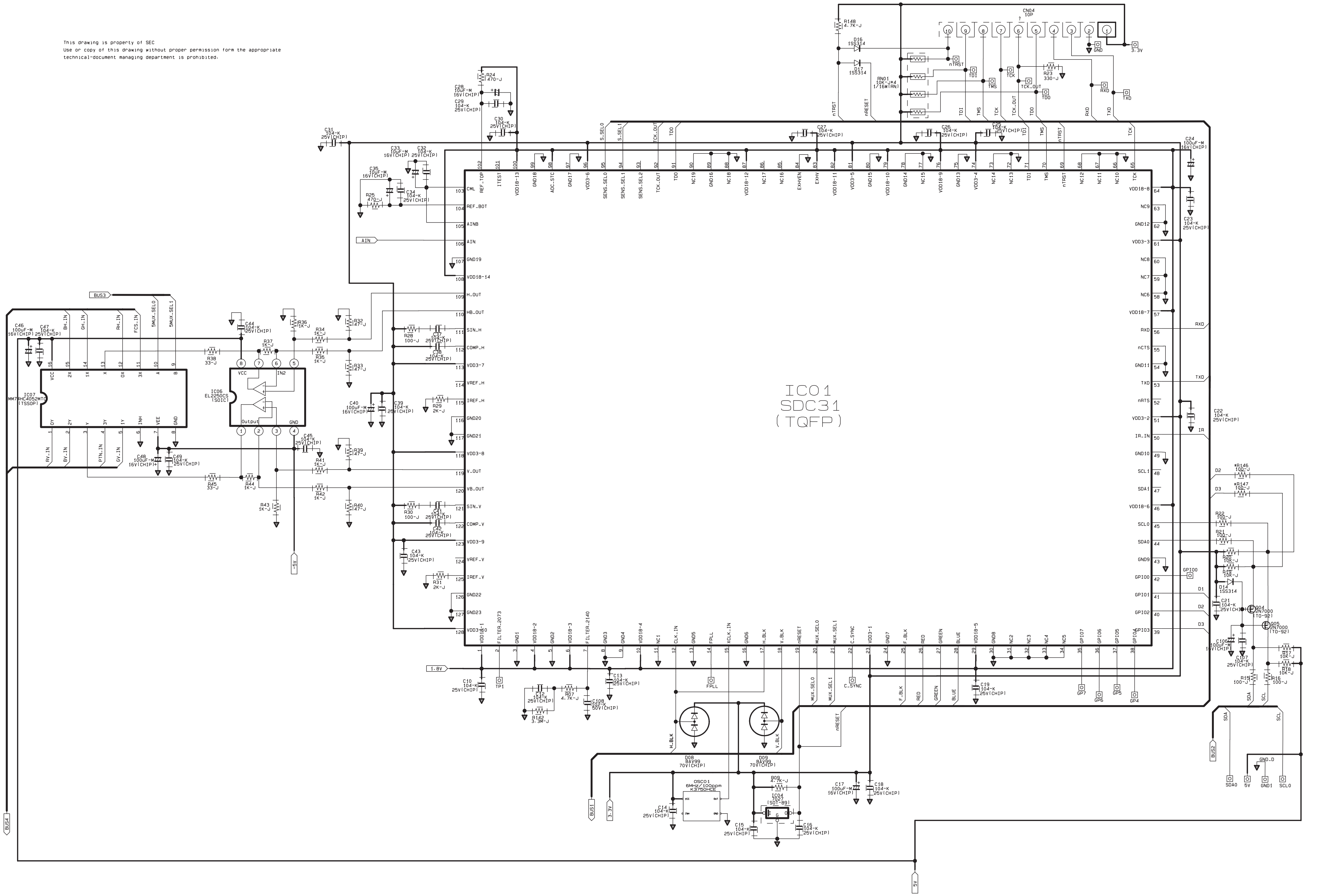
IC01
SDC31
(TQFP)
IC06
EL2250CS
(SOIC)
IC07
MM74HC4052MTC
(TSSOP)
CN04
10P
OSC01
IC04
D08
BAV99
D09
BAV99
Q04
Q05
2N7000
(TO-92)
BUS1
BUS2
BUS3
BUS4
AIN
1.8V
3.3V
5V
-5V
SDA0
SCL0
GND1
GND.D
RXD
TXD
nTRST
TDI
TMS
TCK
TCK.OUT
TDO
H.BLK
V.BLK
nRESET
MUX.SEL0
MUX.SEL1
C.SYNC
F.BLK
RED
GREEN
BLUE
FPLL
TP1
GP4
GP5
GP6
GP7
GPIO0

7-24 CONVERGENCE MODULE 2

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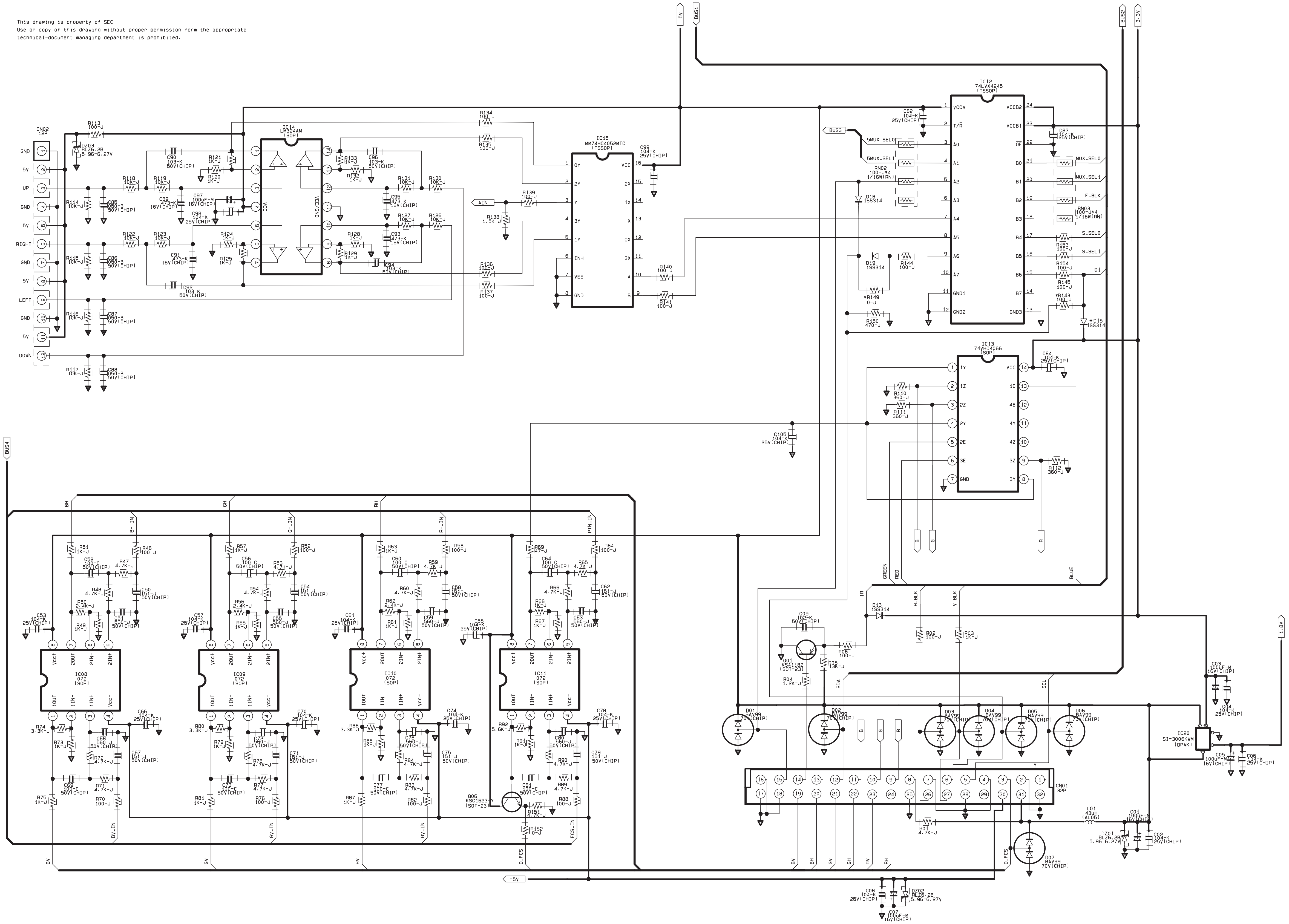

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technical-document managing department is prohibited.

5V
BUS1
BUS2
3.3V
BUS3
BUS4
1.8V
-5V
AIN
CN02
12P
GND
5V
UP
RIGHT
LEFT
DOWN
IC14
LM324M
(SOP)
IC15
MM74HC4052MTC
(TSSOP)
IC12
74LVX4245
(TSSOP)
IC13
74HC4066
(SOP)
IC08
072
(SOP)
IC09
072
(SOP)
IC10
072
(SOP)
IC11
072
(SOP)
IC20
SI-3006KWM
(DPAK)
CN01
32P
Q01
KSA1182
(SOT-23)
Q06
KSC1623-Y
(SOT-23)
L01
43uH
(AL05)
5MUX.SEL0
5MUX.SEL1
MUX.SEL0
MUX.SEL1
F.BLK
S.SEL0
S.SEL1
D1
GREEN
RED
BLUE
IR
H.BLK
V.BLK
SDA
SCL
B
G
R
BH
GH
RH
BH.IN
GH.IN
RH.IN
PTN.IN
BV
GV
RV
BV.IN
GV.IN
RV.IN
FCS.IN
D.FCS
D01
BAV99
70V(CHIP)
D07
BAV99
70V(CHIP)
DZ01
DZ02
DZ03
RLZ6.2B
5.96~6.27V
D13
1SS314
D15
1SS314
D18
1SS314
D19
1SS314

7-25 MICOM

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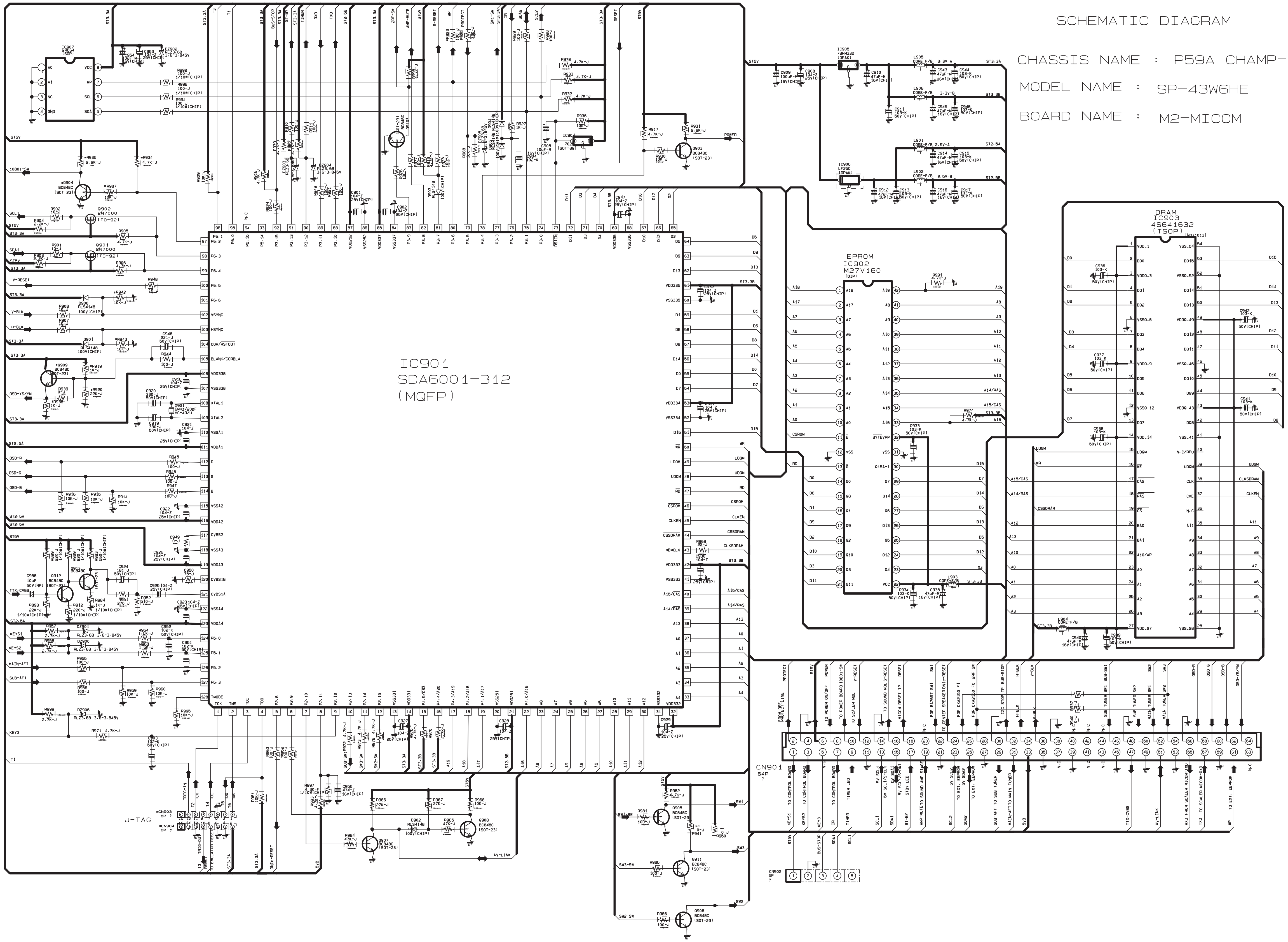
SCHEMATIC DIAGRAM
CHASSIS NAME : P59A CHAMP-PJT
MODEL NAME : SP-43W6HE
BOARD NAME : M2-MICOM
IC901
SDA6001-B12
(MQFP)
EPROM
IC902
M27V160
(DIP)
DRAM
IC903
4S641632
(TSOP)
IC905
IC906
IC907
CN901
64P
CN902
6P
J-TAG
CN903
CN904

7-26 CRT

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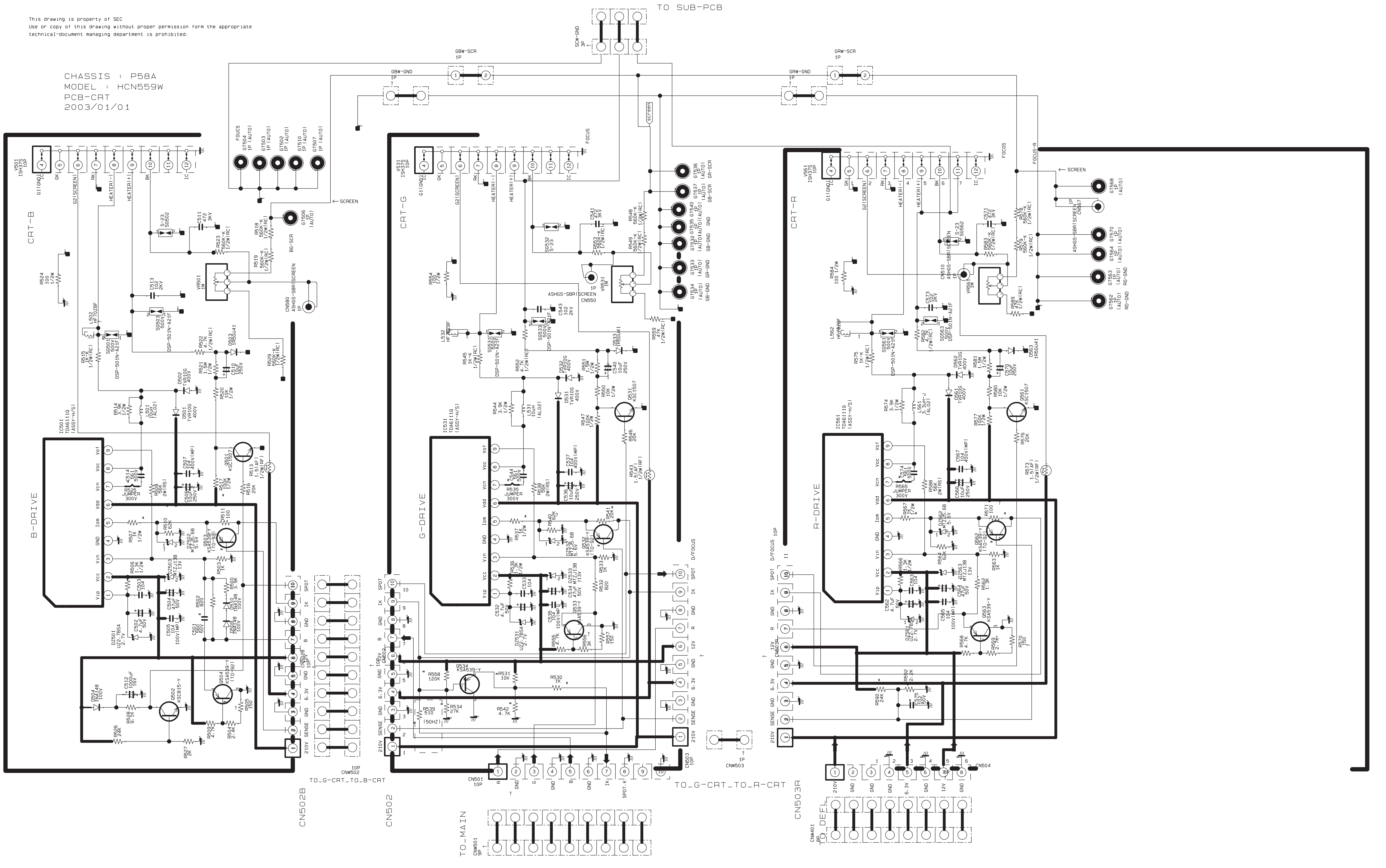
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technical-document managing department is prohibited.
CHASSIS : P58A
MODEL : HCN559W
PCB-CRT
2003/01/01
TO SUB-PCB
CRT-B
CRT-G
CRT-R
B-DRIVE
G-DRIVE
R-DRIVE
CN502B
CN502
CN503R
TO_G-CRT_TO_B-CRT
TO_G-CRT_TO_R-CRT
TO_MAIN
TO_DEFL
CN501
CN503
CN504
CN401
SCREEN
FOCUS
FOCUS-R
210V
SENSE
GND
6.3V
12V
SPOT
IK
D/FOCUS

7-27 HV MODULE

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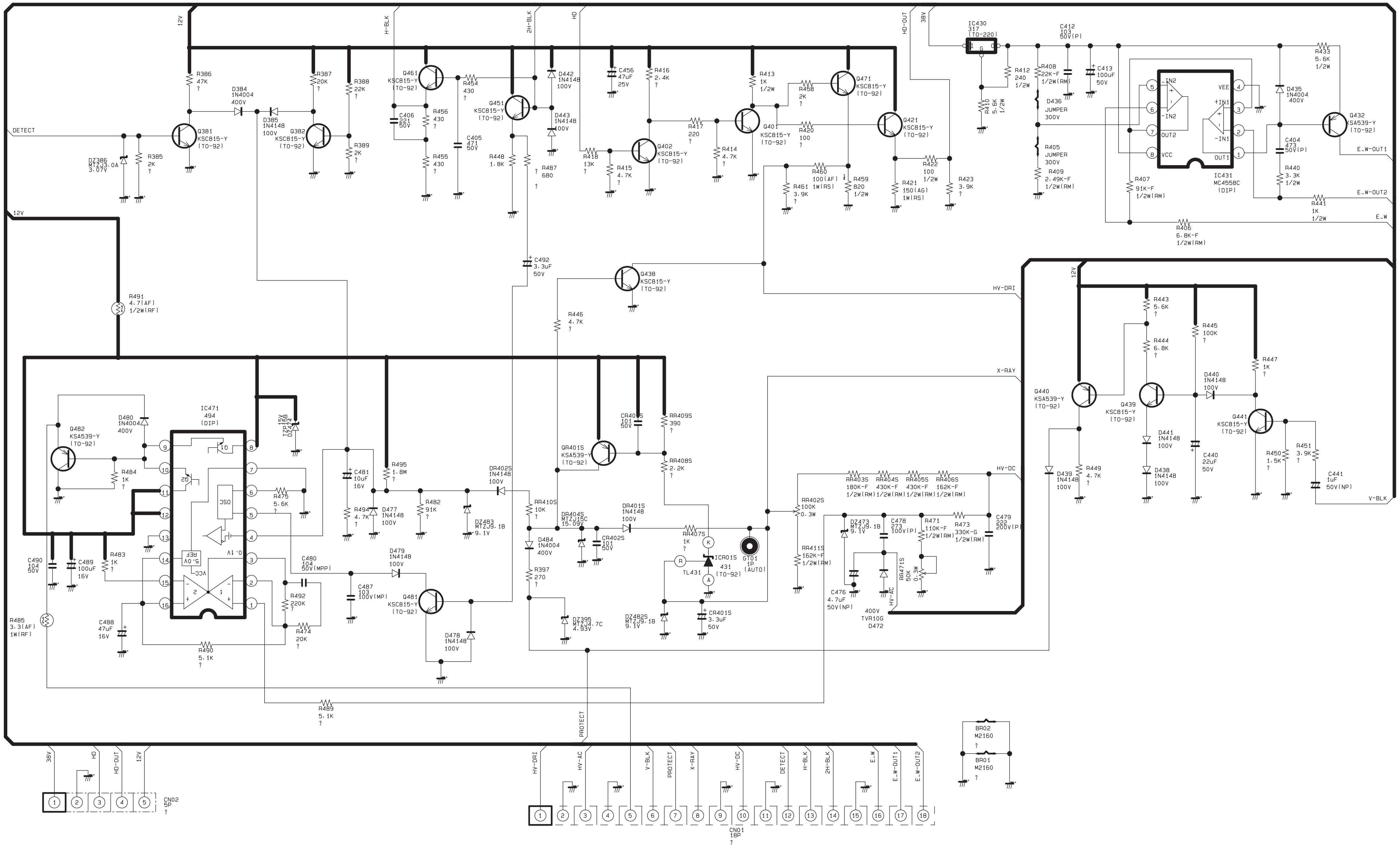

7-28 VM

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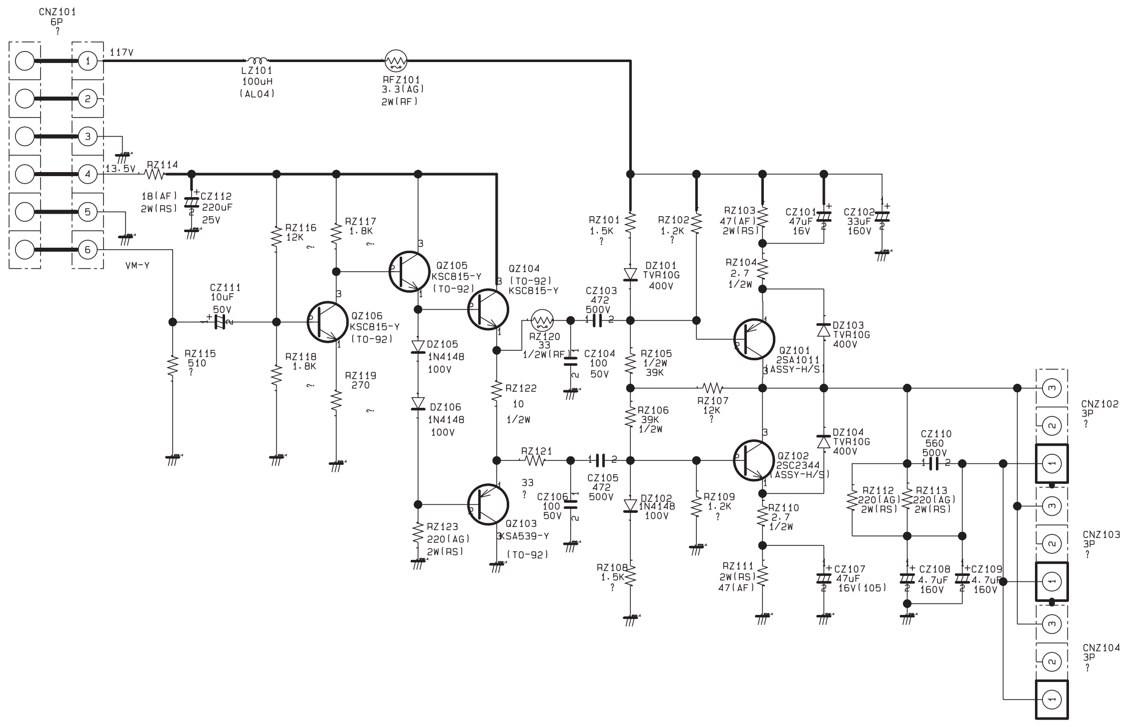
CNZ101
6P
?
117V
LZ101
100uH
(AL04)
RFZ101
3.3(AG)
2W(RF)
13.5V
RZ114
18(AF)
2W(RS)
CZ112
220uF
25V
VM-Y
RZ116
12K
RZ117
1.8K
QZ105
KSC815-Y
(TO-92)
QZ104
(TO-92)
KSC815-Y
CZ111
10uF
50V
QZ106
KSC815-Y
(TO-92)
RZ115
510
?
RZ118
1.8K
RZ119
270
DZ105
1N4148
100V
DZ106
1N4148
100V
RZ120
33
1/2W(RF)
RZ122
10
1/2W
RZ121
33
?
QZ103
KSA539-Y
(TO-92)
RZ123
220(AG)
2W(RS)
RZ101
1.5K
?
RZ102
1.2K
?
RZ103
47(AF)
2W(RS)
CZ101
47uF
16V
CZ102
33uF
160V
DZ101
TVR10G
400V
RZ104
2.7
1/2W
CZ103
472
500V
CZ104
100
50V
RZ105
1/2W
39K
QZ101
2SA1011
(ASSY-H/S)
DZ103
TVR10G
400V
RZ106
39K
1/2W
RZ107
12K
?
DZ104
TVR10G
400V
CZ105
472
500V
CZ106
100
50V
QZ102
2SC2344
(ASSY-H/S)
CZ110
560
500V
DZ102
1N4148
100V
RZ109
1.2K
?
RZ110
2.7
1/2W
RZ112
220(AG)
2W(RS)
RZ113
220(AG)
2W(RS)
RZ108
1.5K
?
RZ111
2W(RS)
47(AF)
CZ107
47uF
16V(105)
CZ108
4.7uF
160V
CZ109
4.7uF
160V
CNZ102
3P
?
CNZ103
3P
?
CNZ104
3P
?

7-29 CONTROL

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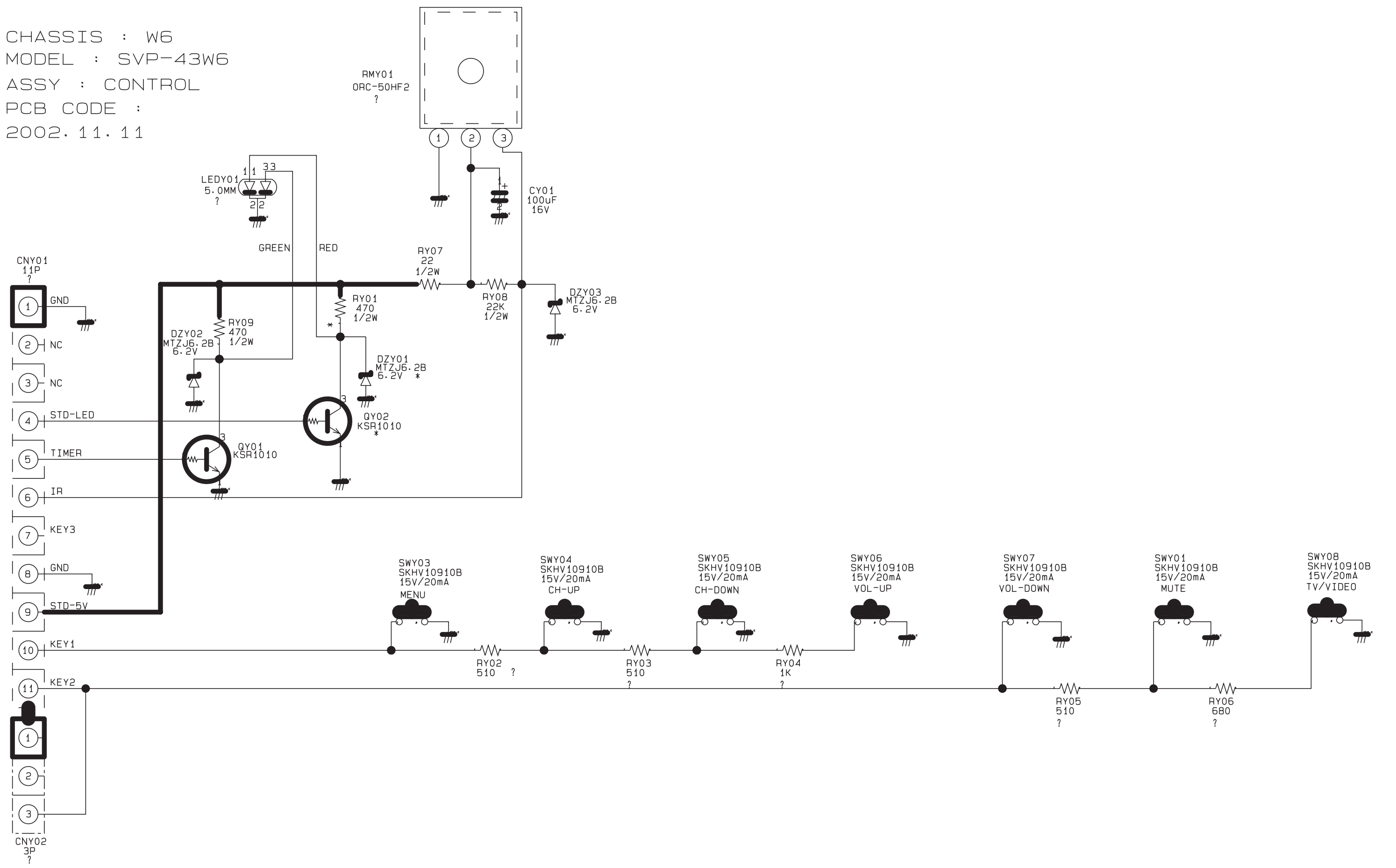
CHASSIS : W6
MODEL : SVP-43W6
ASSY : CONTROL
PCB CODE :
2002. 11. 11
RMY01
ORC-50HF2
?
LEDY01
5.0MM
?
GREEN
RED
CY01
100uF
16V
CNY01
11P
?
GND
NC
NC
STD-LED
TIMER
IR
KEY3
GND
STD-5V
KEY1
KEY2
RY07
22
1/2W
RY08
22K
1/2W
DZY03
MTZJ6.2B
6.2V
RY01
470
1/2W
RY09
470
1/2W
DZY02
MTZJ6.2B
6.2V
DZY01
MTZJ6.2B
6.2V
QY02
KSR1010
QY01
KSR1010
SWY03
SKHV10910B
15V/20mA
MENU
SWY04
SKHV10910B
15V/20mA
CH-UP
SWY05
SKHV10910B
15V/20mA
CH-DOWN
SWY06
SKHV10910B
15V/20mA
VOL-UP
SWY07
SKHV10910B
15V/20mA
VOL-DOWN
SWY01
SKHV10910B
15V/20mA
MUTE
SWY08
SKHV10910B
15V/20mA
TV/VIDEO
RY02
510
RY03
510
RY04
1K
RY05
510
RY06
680
CNY02
3P
?

7-30 LINE FILTER

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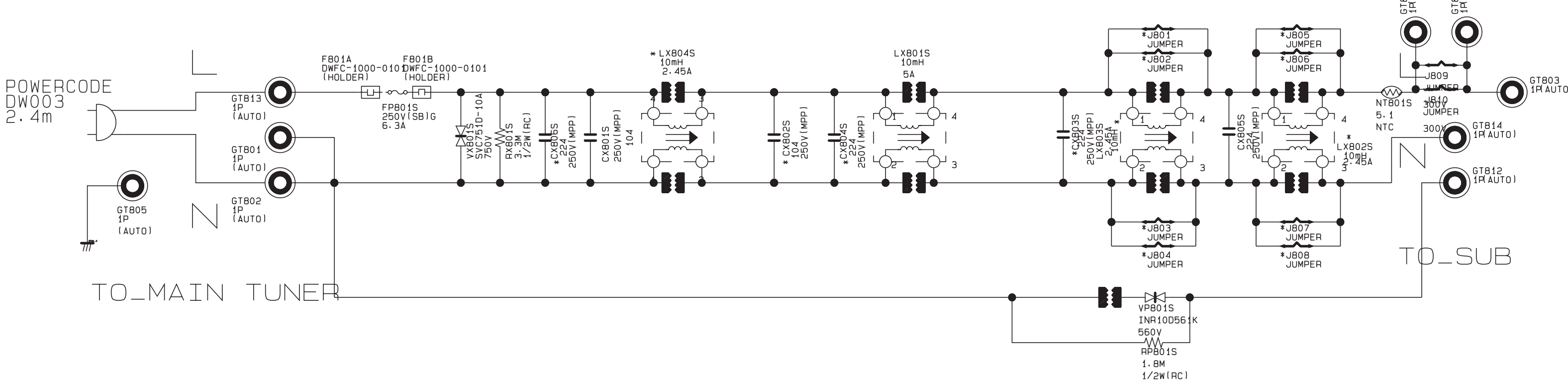
POWERCODE
DW003
2.4m
L
N
GT813
1P
(AUTO)
GT801
1P
(AUTO)
GT802
1P
(AUTO)
GT805
1P
(AUTO)
TO_MAIN TUNER
F801A
DWFC-1000-0101
(HOLDER)
F801B
DWFC-1000-0101
(HOLDER)
FP801S
250V(SB)G
6.3A
VX801S
SVC751D-10A
750V
RX801S
3.3M
1/2W(RC)
CX806S
224
250V(MPP)
CX801S
250V(MPP)
104
LX804S
10mH
2.45A
CX802S
104
250V(MPP)
CX804S
224
250V(MPP)
LX801S
10mH
5A
CX803S
224
250V(MPP)
LX803S
2.45A
10mH
J801
JUMPER
J802
JUMPER
J803
JUMPER
J804
JUMPER
CX805S
224
250V(MPP)
J805
JUMPER
J806
JUMPER
J807
JUMPER
J808
JUMPER
LX802S
10mH
2.45A
NT801S
5.1
NTC
GT806
1P(AUTO)
GT807
1P(AUTO)
J809
JUMPER
300V
J810
JUMPER
300V
GT803
1P(AUTO)
GT814
1P(AUTO)
GT812
1P(AUTO)
TO_SUB
VP801S
INR10D561K
560V
RP801S
1.8M
1/2W(RC)

7-31 FRONT AV

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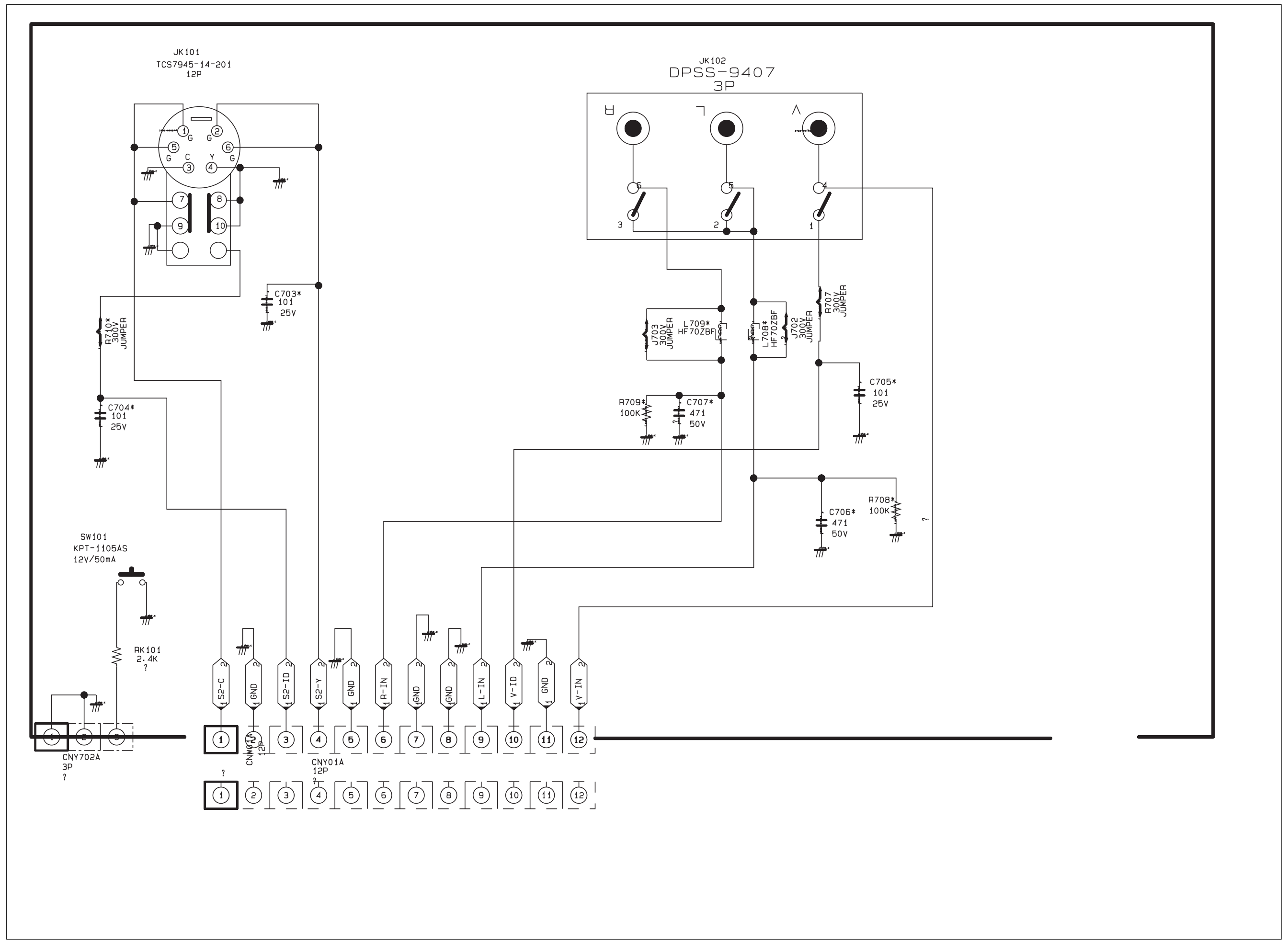
JK101
TCS7945-14-201
12P
JK102
DPSS-9407
3P
C703*
101
25V
R710*
300V
JUMPER
C704*
101
25V
J703
300V
JUMPER
L709*
HF70ZBF
L708*
HF70ZBF
J702
300V
JUMPER
R707
300V
JUMPER
R709*
100K
C707*
471
50V
C705*
101
25V
C706*
471
50V
R708*
100K
SW101
KPT-1105AS
12V/50mA
RK101
2.4K
S2-C
GND
S2-ID
S2-Y
GND
R-IN
GND
GND
L-IN
V-ID
GND
V-IN
CNY702A
3P
CNW01A
12P
CNY01A
12P

7-32 DY JACK

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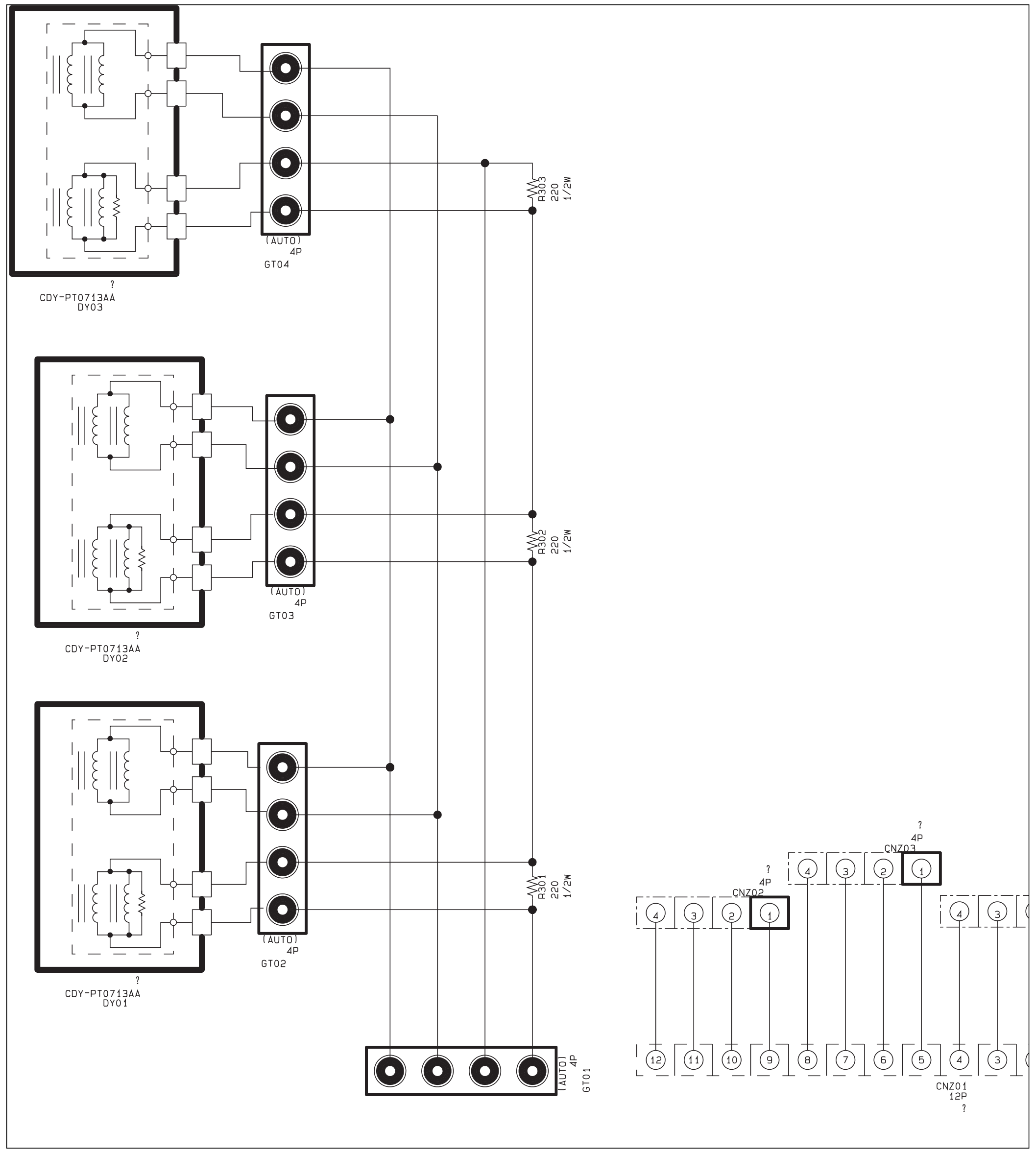
(AUTO)
4P
GT04
CDY-PT0713AA
DY03
R303
220
1/2W
(AUTO)
4P
GT03
CDY-PT0713AA
DY02
R302
220
1/2W
(AUTO)
4P
GT02
CDY-PT0713AA
DY01
R301
220
1/2W
(AUTO)
4P
GT01
CNZ03
4P
CNZ02
4P
CNZ01
12P